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Repeater Journal

The Official Voice of SERA, Inc.

November, December 1998, January 1999 3.00

8 STATE REPEATER INDEX INSIDE

SUNRAYCE 99

It's Coming!

Directors/Vice-Directors Up for re-election

Nomination application inside!

Also In This Issue!

New Complete 1999 Hamfest Calendar

Updated 8-State Repeater Index

Two New Journal Correspondents

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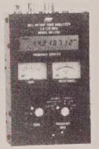

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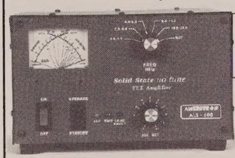

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TO ACCESS THE OFFICIAL SERA WEB SITE: www.sera.org

NOV. DEC. 1998, JAN. 1999 - ISSUE 4

SERA Repeater Journal

The Most Recognized Regional Amateur Publication in the U.S.
Exclusively for Amateur Repeater owners and users In the SouthEast.

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

Page 1 - Editorially Speaking . . !

Hamfests Revisted - And other things

From the comments I have received about our Hamfest story last issue - we just may have driven home a few points.

Most all responses we received were positive. There were a few who thought we might have been a little too redundant, but when I explained that the redundancy was from different viewpoints, looking at the same thing, they had a tendancy to understand and agree a little more.

For the most part, shows that have recently occurred are suffering the same problem - attendance is down. We still wonder just what the problem is. Are we all getting too busy to attend the area hamfests any more?

It's like I said last issue - we better support them, because they're going to go away if we don't we'll all be sorry.

* * * * *

I had a chance to visit the Shelby (NC) hamfest, after missing it last year. I was amazed at the growth in just two more years. Bill Bridges, N4WH, spokesman for the Shelby ARC said they sold well over 12,000 general admission tickets, then add the camping tickets, the flea market tickets, the dealer tickets, etc., etc., and it could be they exceeded 15,000 again in 1998. The weather was typically Shelby though, high 90s.

* * * * *

A warm welcome to the more than 400 new readers. SERA Associate membership has stopped declining, and has actually gained the past two quarters. Several Board members have been traveling to many hamfests, putting the big yellow SERA banner up, and getting members all over the place. I might remind you folks reading this, if you have a friend who is not a member, steer him this way, get him to join our organization.

* * * * *

If you've had a problem, and have wanted to kick out your state Director or Vice Director - your chance has arrived. It is election time and this issue includes a "from the floor" nomination for where you may nominate anyone qualified for the job of your state SERA Director or Vice-Director. The democratic process is now in action - all you have to do is act accordingly - the ball is in your court. If you don't act now, you have no right to complain later about things you don't like!

* * * * *

I sometimes wonder - do some people get their kicks about complaining - on the air. I wrote about this sometime back. Some people get on the air and complain, complain, complain.

One terrible thing to hear on a repeater is a person to get on and complain about the hamfest he

(Continued on Page 42)

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"Nostalgic Wavelengths" - David Bower, K4PZT
"Get the Hammer" - Randy McKenzie, KB4YFV
"Let's Look at it This Way" - Marvin Whatley, AA4YW

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CONTACTING SERA PERSONNEL

You are cordially invited to contact any SERA person listed on this page and all the repeater coordinating persons listed on Page 1. Please keep in mind, they are volunteers. Allow ample time for action on your request. Please be considerate in time of calls during the evening hours.

SERA EMAIL ADDRESSES
You may email any SERA person simply by:
theircallsign@sera.org

SERA Repeater Journal
The Most Recognized Regional Amateur Magazine in the U.S.
The Official Voice of SERA, Inc.

Nov. Dec. '98, Jan. '99
Volume 27, No. 4
Organized in 1971

"Ending 27 Years" Of Continuous Service To Amateur Radio

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Check out the Official SERA Web Site: www.sera.org

About the SERA Repeater Journal Magazine

The *Repeater Journal,* voice of SERA is published quarterly, the first Wednesday of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, Inc., an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor whose address is listed on this page.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 2,170 repeaters available to over 93,489 Amateurs covering 329,000 square miles from the Southeastern member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 27th year of service in 1998 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers. Support, comments and recommendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first Friday of February, May, August and November. Memberships received after deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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New Terms to begin January 1

Directors and Vice-Directors are nominated

- by Wayne C. Williams, K4MOB, Editor

It's a simple democratic procedure, and it occurs every two years within the SERA. Directors and Vice-Directors from each of the 8 districts have to stand before their home repeater owner/members and see if they are worthy of leading another two years.

The Director and Vice-Director are the most important people in the individual states. They are the leaders, and their job is to keep coordination working, and communications good with all the repeater owners in that state. SERA is not run from any individual locale. Each state is independently run by the Directors & Vice-Directors and their appointed Assistants. They have authority to run their area as they see fit, following only the SERA Bylaws, and Coordination Policy and Guidelines.

For the most part, the election procedure winds up being a pretty simple exercise. The ones who are nominated by the nominating committee generally are what the individual states want, so they are usually elected automatically with no opposition.

Yet the procedure allows the people of the individual SERA states to slip someone of their own choosing in to lead them, if they should desire.

Briefly, here is what we do:

1. A nominating committee is appointed by the SERA President by September 1st.

2. This committee chooses and makes nominations for Director and Vice-Director of each of the 8 states.

3. As a rule, most of the time, existing officers are offered a chance to be re-nominated and returned to office - especially if they are popular and are doing a good job.

4. By October 1st, the nominating committee has notified the SERA Secretary of their findings, and the Secretary notifies the Repeater Journal editor.

5. It is then the editor's job to see that the whole process is clearly defined so that all Full Members of SERA are well aware of what is about to take place, and what they can do if they disagree with the direction things are turning in their district.

6. Aside from announcing the nominees for each state, the editor publishes a "from the floor" nomination form, which may be used by any Full Member repeater owners who wish to nominate a person of their own choosing for Director or Vice-Director to lead their state in the coming 2 years.

7. If the "from the floor" nomination is proper, the person is eligible, then an election is held in the state involved, with ballots mailed to every eligible Full Member who can vote. The winner by ballot is elected.

8. If there are no further nominations in any state, aside from the nominations from the committee, then the Directors and Vice-Directors are automatically elected for that district.

9. They take office on Janauary 1st, 1999 and will serve for two years.

Eligibility to Hold Office and/or Vote

SERA Bylaws Section 24 - ELECTIONS Pgh: 6a & b

6a. No full member may be permitted to participate in the election process in any manner including, but not limited to, nominating a candidate or casting a ballot, if the full member operates an uncoordinated or decoordinated repeater as defined in our Coordination Policy and Guidelines, nor shall that person be eligible for any office, either elected or appointed, within SERA.

6b. No full member shall be permitted to participate in the election process in any manner including, but not limited to, nominating a candidate, or casting a ballot, if the full member serves in an elected or appointed position within any other coordinating entity, nor shall that person be eligible for any office, either elected or appointed, within the SERA.

Please turn to Page 7 for A List of Nominations by State

SERA NOMINATION FORM

For the Office of SERA State Director or Vice-Director

This completed form must be mailed to the Secretary - postmarked no later than NOON, Nov. 27, 1998.
Note: The Secretary must also be notified verbally by phone no later than NOON Nov. 27, 1998.

To The SERA Secretary:
The below named person is nominated to the Office listed. This person has been contacted and through their enclosed acceptance letter will serve if elected. The nominee is (1) a SERA FULL MEMBER, appropriated listed as such in the **February 1998 Repeater Journal,** (2) is not an officer in any other coordination council (3) and fully qualifies under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and THREE other elegible SERA Full Members will be added to the nominating committe's list of nominees. This "from the floor" nomination will cause an election to be held by written ballot, mailed to every Full Member in the SERA District the nomination effects .

NOMINEE INFORMATION: (Use separate sheet for EACH Nomination - Director or Vice Director)

Nominated for the SERA State office of ________________ for (State) ________

Name ________________ Callsign ________

Address ________________ Phone (   ) ________

City ________________ State ________ Zip ________

Is a representative of the ________________ Full Member Repeater System

Person has been contacted and has agreed to serve - [ ] Yes - Acceptance letter enclosed? [ ] Yes
Please include a brief Biographical sketch of nominee on a separate sheet of paper - enclosed? [ ] Yes

This SERA Nomination is certified by:

Name ________________ Callsign ________ State ________

Phone [   ] ________ Signature ________________

I am a member of ________________ SERA Full Member Repeater Group.

Please list three other Full Member Repeater Representatives (each must sign this sheet)

(1) Signature ________________ Callsign ________

(2) Signature ________________ Callsign ________

(3) Signature ________________ Callsign ________

Mail this fully completed form with other necessary paperwork to:

H. ALEX HEDRICK, JR., N8FWL, SERA Secretary, P.O. BOX 417, BECKLEY, WV 25802-0417
This mailing must be postmarked no later than NOON November 27, 1998 AND Verbal Notification by Phone (304) 252-6611(H) 673-6611(W) to the Secretary must be made by NOON November 27, 1998.

IMPORTANT: All eligibility conditions, for nominee as per SERA ByLaws, and all requirements of this nomination form must be met for a legitimate nomination from the floor. Otherwise, the nomination must be disqualified as non valid for the forthcoming officer election.

I WANT IT QUICK
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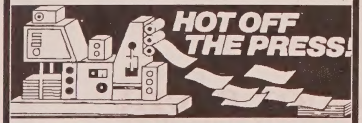

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http://www.rbdc.com/~kq4lo/farc.htm

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Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, 27116-1361
336-723-7388

And don't forget our all-outdoor event June 12, 1999 Dixie Classic Fair Grounds

This is a beautiful new building absolutely ideal for a January event. Enter through Gate 5 (same as our June all-outdoor event) and we will direct you from there. Lots of parking close to building. No food, drink, firearms or pornography for sale per local ordinance without prior arrangement. Free food giveaways are OK. Dealers call early due to limited dealer space. *Limited availability - reserve early!

FirstFest

In the All-New Home & Garden Building
Dixie Classic Fair Grounds

BEAUTIFUL NEW BUILDING

PAVED TAILGATE AREA

TALK-IN: 146.64 (145.47 ALTERNATE)

http://www.rbdc.com/~kq4lo/farc.htm

Directions:

From Greensboro: I-40 to US-52, north on US 52 to Akron Dr., west on Akron to Reynolds Blvd., left on Reynolds Blvd, second left is Shorefair Dr., second right is Deacon Blvd, Hamfest entrance is through Gate 5 on left.

From Statesville or Yadkinville: I-40 E to Cherry St. North on Cherry St. approximately 5 miles to Deacon Blvd., right on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

From Mt. Airy: South on US-52 to University Parkway. Turn right on University Parkway. Follow University Parkway to Deacon Blvd. Left on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

Accommodations:

The Holiday Inn North (910 723 2911) and the Courtyard by Marriott (910-727-1277) are both only 1/2 mile from the Hamfest. The fairgrounds have full RV hookups for only $15.00. The RV hookups are NOT in the tailgating area.

Name ______________________ Call __________

Street ______________________ Phone __________

City ______________ State ______ Zip __________

_____Pre-registration tickets @ $5.00 each $ __________

_____Outside Tailgating @ $3.00 per vehicle $ __________

_____Indoor Fleamarket tables @ $10.00 each $ __________
(space as available - chair is included)

_____Electricity $ Call

_____RV Hookup @ $15.00 per night $ __________

TOTAL ENCLOSED $ __________

Fairground regulations do not permit the sale of food or beverages by unapproved vendors. No firearms or pornography for sale per local ordinance without prior arrangement. Free food giveaways are OK. Full RV Hookups are available for $15 but are NOT in the tailgating area. Self-contained RV's are welcome in the Tailgating area and restrooms will be available. Not responsible for accidents, theft, weather or acts of God.

Make checks payable to:

Forsyth Amateur Radio Club, Inc.

Mail along with SASE to:

Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, NC 27116

Pre-registrations without SASE or received after Jan 9 will be held at the gate.

For Dealer Information contact:

Tom Gallagher, N4IOZ
n4ioz2@ibm.net

336 723 7388

Full Membership Drive ends Year on Positive note

-by Wayne C. Williams, K4MOB

Every year, I continue to be amazed at how well repeater owners in the Southeast support our organization financially through Full Membership.

Another new record this year, as we had a total of 1,353 repeaters with the little "smiley faces" in our index. An amazing 26 of them were from out of our territory. We had member repeaters who joined SERA from Indiana, New Hampshire, Florida, Northern Virginia, Indiana, New York, Vermont and Alabama.

In our 8-states, we had an incredible 61.1% of all repeaters who voluntarily joined SERA or 1,327 of the total 2,172.

Volunteer Membership

SERA emphasizes that we do not, and cannot charge anyone for our services (coordination, information, technical help, interference help, etc.). Actually we are required by our policies to help any repeater owner - whether he be a member or not, with the same intensity. And knowing this, the owners still continue to support us with their memberships.

The Unknown Listings

Our total repeater count for the year has increased somewhat over the same period last year, but over half of them are really "Unknown listings" being identified and placed back in the index.

When our computer purged the "Unknowns" from our index, there were about 640 listings. Now, some 18 months later, we have carved the list down to just over 125. We continue to try to find out something about these listings. Some we know are verifiable repeaters operating - unofficially - but the owners refuse to update a simple repeater database sheet, sign it and return it to us - so their listing must remain Unknown because we have no official documentation showing the truth.

When the 1999 repeater datasheets are tallied, there will be more "unknowns" to contend with. The lists are purged of listings which we have heard nothing from the owners or operators for a period of three or more years. So the lists will grow again, and we'll work by calling, trying to contact, and send out messages, trying to get them to give us just a little cooperation. Many will - but there will be that percentage that won't.

None of the unknown listings are ever sent to the ARRL for the upcoming National Repeater Directory, mainly because they request accuracy, and with listings we classify unknown - they are just that - unknown, and we cannot vouch for their accuracy.

Repeater Statistics

We have three SERA states who have passed the 400 repeater mark. They are North Carolina with 403, Tennessee with 402 and Georgia with 401. If you count T-MARC repeaters in Virginia, they run a close 4th in numbers, with about 376 machines. SERA territory in Virginia accounts for 272 repeaters. Kentucky follows with 5th and 256 machines, while Mississippi has 152, South Carolina 144 and West Virginia 142.

In Full Membership statistics, North Carolina leads in total percentage with 71.5% of the states machines listed as Full Members. They also had the most members with 288.

1999 Data Sheet Return

Every repeater owner is encouraged to return their 1999 repeater datasheets. Those who have kept their data current will only have to sign the sheet - others will have to work a little more if they want to "catch-up" on data. Our coordinators who are using a magnificent piece of coordination software emphasize how important it is to be sure to list your Longitude and Latitude - right down to the second. This is very important so that they can pinpoint exactly where your repeater is located when they are coordinating something near by. If you're accurate, they will be better able to protect you.

A Note of importance. We have not made any datasheet changes to this November index from the returning 1999 repeater datasheets.

They are coming in hundreds at a time, and it would be impossible to get them all in for one issue. By the end of the year, we will have about 2,000 datasheets come in for processing. We intend to have all the corrections and changes made in time to feed the ARRL for their 1999 National Repeater Directory, and we will print the new updated index in our February issue.

While you're about filling out that datasheet and getting ready to return it - why not sign the other little sheet, write us a check and join us as a SERA repeater Full Member!

SERA Full Membership Report

Full Membership - By State - By Year - From 1990 - 1998									1998 FINAL TOTALS			
SERA STATE	TTL '90	TTL '91	TTL '92	TTL '93	TTL '94	TTL '95	TTL '96	TTL '97	TTL 1998	Final Mbr. %	TOTAL RPTRS	SERA STATE
GA	124	142	173	195	208	236	217	260	233	58.1%	401	GA
KY	53	66	70	80	86	122	129	140	157	61.3%	256	KY
MS	36	38	36	50	60	75	73	60	60	39.5%	152	MS
NC	157	189	220	243	265	274	295	283	288	71.5%	403	NC
SC	50	53	60	68	68	83	81	84	79	55.2%	144	SC
TN	128	155	179	188	182	202	193	227	221	55.9%	402	TN
VA(1)	122	127	136	157	173	178	162	181	194	71.3%	272	VA
WV(2)	54	67	70	62	70	82	84	90	95	66.9%	142	WV
TTLS	724	837	944	1043	1112	1252	1241	1325	1327	61.1%	2172	- - -

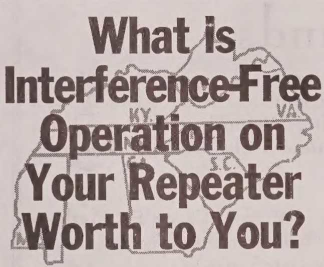
OUT OF SERA TERRITORY REPEATERS JOINING AS FULL MEMBERS - FOR 1998 --- 26

(1) Total Virginia list does not include 104 or more listings in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and

(2) 10 or more listings in the West Virginia Panhandle area in T-MARC Territory.

"Unknown" repeater listings are not counted in State repeater totals.

Updated Oct. 19,1998



What is Interference-Free Operation on Your Repeater Worth to You?

SERA enters its 27th year of successful keeper of the VHF-UHF frequency planning and coordinating in the SouthEast. SERA is the Officially Recognized coordinator for VA, NC, SC, TN, KY, GA, MS & WV and is taking care of your repeater operation, day after day, year after year. Like anything else, this costs money.

If you think the great operation you experience in VHF/UHF in the is worth something to you - provide a little payback . . .

Invest Just $8.00

Per Year as an Associate Member of SERA. It is a worthwhile endeavor. Your money is used to continue to keep your bands as trouble-free as we possibly can day after day - year after year!

Join SERA Now!

As An Associate Member

Get The SERA Repeater Journal

FREE Every Quarter!

The Journal alone is worth the Membership!
See Membership form in this Issue!
Fill it out, mail it in - then enjoy the Journal!

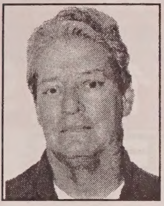
The SERA Nominations And Who they Are

The nominating committee decided to re-nominate a complete "repeat" slate of Directors and Vice-Directors. They are suggesting that our existing Directors and Vice-Directors be returned to office for the years of 1999 and 2000.

The nominees were asked by the Repeater Journal to offer a brief personal statement to be published on their behalf. The statements that were received are published below.

In alphabetical order by State, here are the Director and Vice Director nominees by the committee:

Georgia



Stu Sims, N4MXC
GA DIRECTOR

Bert Coker, N4BZJ
GA VICE-DIRECTOR

Stu Sims, N4MXC - Existing Georgia Director, and Bert Coker, N4BZJ - existing Georgia Vice-Director have been renominated.

STEWART "Stu" SIMS, N4MXC

Licensed in March 1985, I've been associated with SERA and an ARRL member since summer 1985, and am currently an Advanced class operator.

I am a retired Air Force Senior NCO with over 26 years service. Co-founder and past Vice President of the Middle Georgia Radio Association of Perry, I continue to assist as control operator for the association's 5 VHF/UHF repeaters including my own Cochran (145.11) repeater.

My volunteer work in repeater coordination and matters with the District Vice-Director lead to appointment in July 1987 as an Assistant Director then appointment as Vice Director late 1990. I became the District Director in January 1991.

I've played a quiet but active role in doubling full repeater memberships within the Georgia District. The number of repeaters in the district has grown from approximately 215 in 1985 to over 425 today. Georgia is one of the LARGEST SERA districts and our growth has not stopped. One of my goals within the Georgia District during the upcoming term includes further growth in available repeaters and membership while maintaining SERA coordination standards.

The demand for more and more repeater frequencies has placed a heavy burden on the repeater coordination process and repeater pair availability. These demands and limitations seem to dictate that experience in amateur repeater coordination is needed before one would become the Georgia District Director. I have that needed experience and my amateur "career" has been one of service to the amateur community. I ask for your support for the upcoming term and look forward, as does Bert Coker, our GA Vice-Director, to the opportunity to continue serving you. Thank You! *-Stu Sims, N4MXC*

Kentucky

Jerry Shouse, N4EQT
KY DIRECTOR

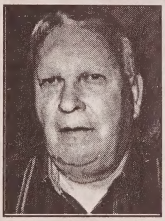
NO ONE
NOMI-
NATED

No One Nominated!
KY VICE-DIRECTOR

Jerry Shouse, N4EQT existing Kentucky Director has been re-nominated. There is no KY Vice-Director, and none was nominated.

Mississippi

Steve Grantham, N5DWU
MS DIRECTOR



Joe Wood, Sr. AJ0X
MS VICE-DIRECTOR

Steve Grantham, N5DWU, existing MS Director and Joe Wood, Sr. AJ0X existing MS Vice-Director have been re-nominated.

The following is a statement from Joe Wood:

JOSEPH WOOD (Joe). AJ0X

Extra Class, Licensed 1946 (Junior in HS) Military (7.5 Years) 1947-1954 Graduate, MS St. Univ. Work career: Medical Elect. and Biomedical Engr 1957-1978. Retired VP-Research and Dev. & Manu.to return to MS. Vice-Director Mississippi SERA (Appointed to fill vacancy). Repeater owner and trustee AJ0X/R UHF (70Cm) on air 1982 continuous, MS. Former owner and trustee AJ0X/R UHF (2M) 1975-1978, MO. Former owner and trustee W9KQF/R VHF (2M) 1969-1974, IL. Life member ARRL, DXCC Honor Roll (350 Countries Conf). Former DX Editor, RTTY Journal. Winner 1984 CQDX RTTY World Contest 20M. Former Chief Engr WHLT TV, 1989-1998. Consultant to The Headrick Companies. Manufacturer of custom home and business computers.

I would like to continue my association with SERA and although it has been brief, feel that I can lend my experience and maturity to a team that has many beneficial goals yet to achieve. If re-elected I pledge my support to those efforts. *Joseph Wood.*

North Carolina

Danny Hampton, K4ITL
NC DIRECTOR

Lin Couch, K4OLC
NC VICE-DIRECTOR

Danny Hampton, K4ITL, North Carolina Director, and Lin Couch, K4OLC, North Carolina Vice-Director have both been re-nominated for another 2 year term. Their statements follow on next page.

(Nominations Continue on Page 9)

Western Carolina Amateur
Radio Society/VEC, Inc.

WCARS / VEC

**An Amateur Radio Volunteer Examiner Coordinator AND
A Special Event Station Call Sign (1X1) Coordinator**

For Newly Issued Callsigns, Call (423) 689-6358
(11:00 AM to Midnight - 7 Days a Week, including Holidays)

For other information including test session coordination, VE Team Formation, etc.:

Win Guin, W2GLJ
2138 Sonning Drive
Germantown, TN 38138
901 754-4552 WinGuin@worldnet.att.net

Norman Harrill N4NH
7 Skylyn Court Asheville, NC 28806
704 253-1192
NormanHarrill@worldnet.att.net

Ray Adams, W4CPA
6702 Matterhorn Ct. - Knoxville, TN 37918
(423) 687-5410 Fax: 219-9871
WCARS@korrnet.org

John Chism ND4N
139 Mustang Cir. Simpsonville, SC 29681
864 967-0001
nd4n@mindspring.com

**Visit us at http://www.korrnet.org/wcars
For Test Schedules - Contact People at each Site and
Among Other things, an ONLINE REQUEST for
A SPECIAL EVENT STATION CALL SIGN**

WE'RE **STILL** LOOKING FOR A FEW GOOD VE TEAMS!

The 26th Annual and Original

CHARLESTON HAMFEST

AND COMPUTER SHOW

SATURDAY, FEBRUARY 6, 1999

SAME LOCATION AS LAST YEAR

Notice: No firearms permitted on the premises by law. This hamfest is considered a family affair. The committee reserves the right to eject any inappropriate materials from the premises.

Charleston Amateur Radio Society Inc.
Charleston, SC
email: WA4USN@AMSAT.ORG

Stall High School, North Charleston SC
Near I-26 and Ashley Phosphate Road
Talk in - 146.79 and 145.25
Doors open at 8:30 am
For details, contact Jenny Myers, WA4NGV
(843) 747-2324 or email: brycemyers@aol.com

ARRL

PRE-REGISTRATION FORM

Tables: Pre-registered - $8.00 per 8ft table at the door - $10.00, as long as they last. To pre-register tables, detach and complete this form, attach check made out to "C.A.R.S. Hamfest Committee", SASE (for tickets & receipt), and send to (to be received before January 22, 1999):

Jenny Myers, WA4NGV
2630 Dellwood Avenue
Charleston, SC 29405-6814

Number of Tables	_____	**@ $8 each (includes 1 chair)**	_______
Number of Attendees	_____	**@ $5 each (includes 1 prize ticket)**	_______
		Total Enclosed	_______

Company Name: ____________________

Address: ____________________

____

City, State, Zip: ____________________

Telephone: ____________________

Point of Contact: ____________________

SERA Director/Vice Director Nominations Continue

DANNY HAMPTON, K4ITL

I was first licensed in 1957 and began xperimenting with and helping people build repeaters in the late 60s. I was a early supporter of and member of SERA when SERA was CVRA. Since I utilize my experience in frequency coordination professionally, serving as a frequency reuse and frequency coordination advisor, working in SERA is natural.

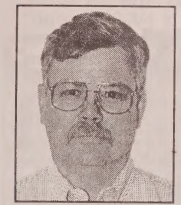
My goal is to help as many fellow hams as possible obtain, maintain, and protect our most valuable asset, repeater frequencies!

Danny Hampton K4ITL

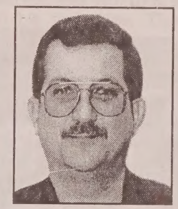
LIN COUCH, K4OLC

I follow the SERA guidelines to the best of my ability and make every effort to treat each application fairly. I make every effort to keep "human error" to a minimum and to act as promptly as existing conditions allow. I ask for and will appreciate your support and cooperation in another 2 year term as the SERA North Carolina, Vice-Director. - *Lin Couch, K4OLC*

South Carolina



Bill Jones, N4MNH
SC DIRECTOR



Vince Ott, WD4NUN
SC VICE-DIRECTOR

Bill Jones, N4MNH, SC Director, and SC Vice Director Vince Ott, WD4NUN have both been re-nominated for another 2-year term.

VINCE OTT, WD4NUN

I haved learned a lot since SERA SC Director Bill, N4MNH, talked me into this job. I am really just now getting where I think I can do the job the way it should be. SERA has also taken on a new meaning to me and I want to give it my best. Thanks for another year serving amateur radio throught SERA- *Vince WD4NUN*

Want to Nominate Someone
Who you think will do Better
as your State Leader
(See Nomination form on first page of this story)

(800) 727-WIRE (9473)

That's all you need to know about Wire, cable and their accessories!

20 Years of quality & service!

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E-Mail: n8ug@thewireman.com

Tennessee

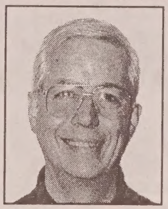
Johnny Wofford, WA4ETE
TN DIRECTOR

Tim Berry, WB4GBI
TN VICE-DIRECTOR

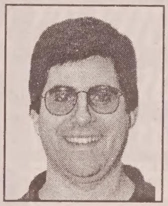
JOHNNY WOFFORD, WA4ETE

I have been a member of SERA since 1986 and Tennessee Director for 8 years. I also serve as SERA Treasurer this year. My goal as Director is to make repeater owners & trustees more aware of SERA and the service we perform on their behalf. I have been a ham since 1972 and have been an Extra Class licensee since 1992. I owned 146.88 repeater from 1976 to 1996 and I am still trustee of 444.00 repeater now. I was President of Mid-South Amateur Radio Association for two different terms. I am employed by Wis-Con Total Power as Senior Buyer and Traffic Coordinator. - *Johnny Wofford, WA4ETE*

Virginia

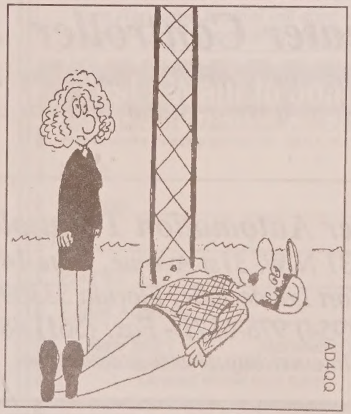


Don Williams, W4VT
VA DIRECTOR



Doug Sharp, K2AD
VA VICE-DIRECTOR

JOURNAL FUNNY STUFF BY AD4QQ



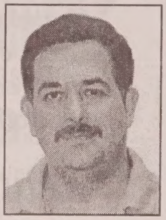
What makes you think something is wrong? I'm just checking my antennas.

DON WILLIAMS, W4VT

Don Williams has been active as the western Virginia frequency coordinator for twelve years. He has been Virginia director for two years, and has served as president for the past year. He has been a SERA member for 20 years (since becoming active on two meters) and is a life member of ARRL—a member for 37 years. He is a past president of his local radio club and has been chairman of the Bluefield Hamfest four times. Don believes that the most important duty of a coordinator is to offer responsive, prompt, and courteous service to all repeater owners in addition to assisting them in minimizing potential interference by selecting the best possible frequency pair for their repeaters.

West Virginia

Dick Fowler, N8FMD
WV DIRECTOR



Alex Hedrick, Jr. N8FWL
WV VICE-DIRECTOR

DICK FOWLER, N8FMD

I have been involved with the SERA for 14 years, first as a repeater owner, then as West Virginia Vice Director from 1988 until becoming Director in 1992. During these 14 years, I have seen major changes in the way coordinations must be handled to maintain the level of interference free operation that most West Virginia repeater owners and users enjoy today. I was very instrumental in the SERA purchasing one of the premier propagation study programs, allowing us to better serve you. Over the years I have assisted many repeater owners and would be repeater owners in finding, not only the best possible frequencies available but in many cases have even helped them locate equipment required for their installations. I enjoy the work and would be honored to continue to serve the amateurs of West Virginia. *-Dick Fowler*

ALEX HEDRICK, N8FWL

44 years (young) and licensed since 10/27/81, I have served as WV Vice-Director since 01/04/92. This position also involves frequency coordination matters for West Virginia counties south of latitude 38-30-00. I was additionally nominated and elected as SERA Secretary in 01/08/94. I wish to continue to offer accurate and efficient coordination for those amateurs who wish to construct and operate repeaters in my area of responsibility. In addition, I want to continue to provide accurate records of all meetings, official correspondence, and official documents of the SERA and archive same. My radio and communications background extends from 1971 to 1983 as a commercial FM radio announcer, county emergency communications officer from 1979 to 1987, State & Local Government Account Executive for Motorola Communications & Electronics from 1987 to 1989, and I am currently employed with Highland Cellular, the local CellularONE franchise in SE WV, as Manager of the Direct Sales Team, specializing in National, State, & Local Government and High Use Corporate Customers.

ACCESS INFO: WWW.sera.org

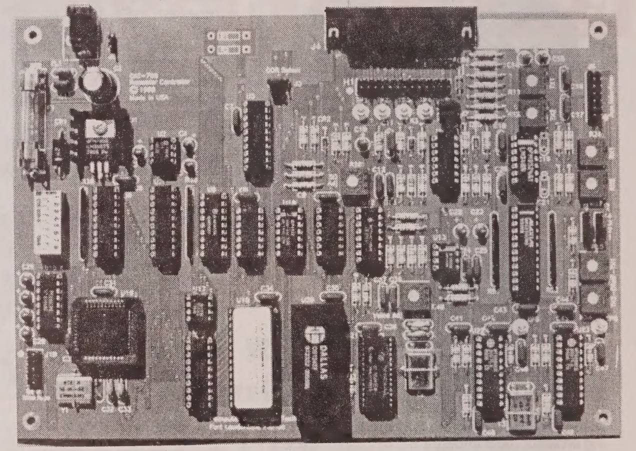
Computer Automation Technology, Inc.
CAT-700 Repeater Controller

Attention Remote Base Operators!

The CAT-700 is an affordable priced repeater controller with a voice synthesizer and the ability to control Kenwood mobile transceivers. With a direct connection to the transceiver's microphone jack, frequencies can be changed, memories can be selected and the CTCSS encoder/decoder can be controlled with DTMF commands entered through the repeater's input.

Features Include:

- *(20) Voice Messages*
- *Kenwood Transceiver Tuning*
- *Voice Synthesizer*
- *Link Port COR Generator*
- *(40) Link Preset Frequencies*
- *Link Auto Disconnect*
- *Digital Voice Clock*
- *Grandfather Clock*
- *(20) Macro Strings*
- *(40) Position Scheduler*
- *(6) Memory Saves*
- *RS-232 Interface*
- *(4) Hardware Inputs*
- *(4) Output Switches*



CAT-700 Repeater Controller $499.00

For a brochure describing the CAT-700, including specifications and repeater interface information, visit us a www.catauto.com or call (954) 978-6171.

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Internet:http://www.catauto.com

Yesterday's Journal
A Look at the Repeater Journal
20 Years Ago this issue!

REPEATER JOURNAL
CVRA
COVER STORY
DOSS TAKES OVER
UPDATED REPEATER INDEX
NC, SC, VA, TENN, W VA
DIRECTOR, VICE DIRECTOR ELECTIONS UNDERWAY

-Researched by: Wayne C. Williams, K4MOB, Editor

November 1978

The Repeater Journal was still in it's "dumpy" 6-3/4 x 8-1/4 inch size. The cover picture on the Journal that issue, was that of Charlie Durst, WA4WTX, Chairman of the Frequency Coordinating Committee for many years, handing over the reigns (stack of books) to Al Ross, K4CAW. Herman Cone, WB4DBB helped hold the stuff.

The end of the 1978 year saw CVRA as we were known then, raise the price of Associate Membership from $2 to $3. Full membership went from $6 to $8.

A major topic at the September 1978 Board meeting was a letter from the Tennessee SCM, O.D. Keaton, WA4GLS, saying that the repeater owners of Tennessee were expressing an interest in joining CVRA as a member state. (At the time, we were 3 states, NC, VA & SC).

In the Amateur business advertising, a 4-years old company, Williams Radio was advertising Larsen 2M 5/8 antenna, with your choice of mounts for only $29.00 The Cushcraft 11-element beam was $17.95.

It was also a time that the cheap 220 MHz rigs made by Clegg, Midland and Cobra were turn loose in the Amateur Market. The average price for these units generally was about $139.00.

Vickers Electronics of Durham was advertising the latest ICOM radios which included the IC-211 multi-mode, and IC-245, synthesized and the IC-215 and IC-502 2M & 6M crystal type rigs. Wilson had their latest handheld out too - the 1402. It was only about a foot long and had 6 crystal channels. Telcom Co. of Kernersville had the all new KDK-2015R 2M synthesized radio.

Everhart Electronics of Lexington, NC was introducing the new Tempo S1 synthesized handheld - sporting 800 channels.

Incidentally, back then, a full page ad in the Repeater Journal was $40.

A new day arrived with that issue of the Journal too. Our repeater index was on computer for the first time ever. Prior to that, we had to type up the indexes into a format, and the printer had to typeset them for us each issue.

Lindsay Cleveland, W4IZI, our Membership chairman volunteered to put the index on his computer along with other membership information. He then printed out a copy of the index with a daisy wheel printer. We then took the printout, reduced it on a camera, made photoprints from the negatives, then pasted the photoprints down on the page in order. At the time, we estimated so 40 hours were being saved in the computerization of the index.

Bill Page, WB4LWX, Full Membership chairman reported a record number of repeater members for CVRA. He said a total of 160 repeaters had joined.

The Hillsville, VA hamfest for the coming 1979 year will move to Elkin, NC. (20 years later it will still be held in Elkin at the same National Guard Armory in February)

And finally the November 1978 Hamfest Calendar listed a total of 17 Hamfests for 1978 in VA, NC, WV, TN, and SC. (The 1999 listing shows more than that in NC alone).

1998 CLAXTON (GA) HAMFEST

Veterans Community Center on Hwy 280W

★ DECEMBER 5, 1998 ★

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Sunrayce 99 Coming to SERA!

Sunrayce 97
DESERT PROVING GROUNDS
ROSE-HULMAN

Rose-Hulman Institute of Technology's Solar Phantom leaves the midday stop at Topeka, Kansas during the past Sunrayce 97. A fifteen-minute stop is mandatory each day.

COVER STORY

Editor's Note: We begin our coverage of a very large event which begins next June. The race, called Sunrayce 99 will pass through several SERA States. Communications for this very visible event are handled by Amateur Radio volunteers. According to Bill Eccles, who heads up getting the volunteers, he will be needing lots of help from clubs and individual hams all along the race route. This is an excellent opportunity for clubs to volunteer and participate. The Repeater Journal will have more information, as well as lists of clubs who have volunteered in the February and May issues. We will wrap up results and final information about the race in our August 1999 issue. We hope you and your club will participate.

Special to the Journal - By Bill Eccles, KE4VT/9

Sunrayce 99 is coming to SERA territory! So? And just what is Sunrayce?

Every other year, college teams from across North America get together to race solar-powered cars across part of the United States. In 1999 this race will be from Washington to Orlando, right through the heart of SERA country.

The solar cars are powered entirely from sunshine. Each car can carry eight square meters of solar cells and a large battery pack. The solar panel collects energy from the sun and stores it in batteries. These power the car on the 1350-mile race. No energy from any other source is allowed after the race starts.

College teams build these sleek cars from exotic materials such as carbon-fiber laminates, Fiberglas, and Kevlar. The typical car weighs about 700 pounds, half of which is batteries. GM and EDS sponsor the race to enhance educational programs in colleges and encourage technical developments in solar energy and state-of-the-art materials.

What does all this mean to SERA and its members? I've been the team advisor to Rose-Hulman Institute of Technology's Solar Phantom team for Sunrayce 95 and 97. Those races had ham radio support all the way from Indianapolis to Colorado, and I can tell you how valuable such support is.

Ham radio (mostly two-meter) can do things that cell phones and business-band radios just can't handle. Hams report car positions along the route, send messages about cars in trouble, scavenge the route near the end of the day, and forward all this to the finish line. What I knew about my team came from hams.

For Sunrayce 99 I am Ham Radio Coordinator. I'll be looking for ham radio support along the entire route, so the purpose of this article is to alert SERA's members and other amateurs that this opportunity is coming up. There will be more details in the next issue of the SERA Journal.

Where is help needed? Everywhere along the route. The race starts in downtown Washington on June 20. The race is staged, which means that positions are determined by elapsed times each day. Overnight stops are at Charlottesville (6/20), Raleigh (6/21), Charlotte (6/22), Clemson (6/23), Georgia Tech (6/24, then a day off in Atlanta), Macon (6/26), Tallahassee (6/27), Ocala (6/28), finishing at Epcot in Orlando (6/29).

The route is along the "blue highways," never on the interstates. Hams are needed each day at the start, at about three points along the day's route, and at the finish. There will be a tent for the hams at the finish each day. Since the daily routes can be fairly long, more than one club can be involved. For example, the Macon-Tallahassee run is 200 miles-and all on solar power, much of it at 55 mph!

If you'd like to think about helping and want to talk with me, call me at 812-877-8135, or e-mail wj@eccles.net.

Snail-mail goes to Professor Bill Eccles, ECE, Rose-Hulman #121, 5500 Wabash Avenue, Terre Haute, IN 47803.

I'd be happy to hear from anyone who is interested.

And if you'd like more information on Sunrayce itself, visit the Sunrayce pages on the web at www.sunrayce.com/sea/sunrayce. There are some good pictures of the solar cars on the Sunrayce 99 Trial Run pages, particularly the pictures for June 22 and June 29. Look at the history pages to get a feeling for the race. The picture of the Messiah College finish on Day 6 of 97 shows the ham tent in the right background (a dark Army tent).

Please come out and give us a hand! I look forward to eyeball QSOs along the route.

William.Eccles@Rose-Hulman.edu

SERA Board to Hold Winter Meeting at Pigeon Forge

The SERA Board will hold their regularly scheduled Winter meeting on January 9 & 10 at the Holiday Inn in Pigeon Forge, TN.

The top item on the agenda will be the installation of the newly elected Directors and Vice-Directors.

Some Bylaw changes are being proposed and will be presented to the group also.

The Board will also hear reports from each state on coordination and other items of interest. Various committees will offer their reports to the group attending.

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RJ-11-98

From the East - Tennessee News

Donald Phibbs, Jr. AD4QQ
3179 Crooked Oak Drive
Lenoir City, TN 37771
ad4qq@sera.org

Editor's Note: We regret the loss of Wayne Houser, our former East Tennessee Repeater Journal correspondent. Wayne has new priorities in his personal life, and asked to be relieved of the duty of reporting news.

I take great pleasure in introducing to you, Donald Phibbs, Jr. AD4QQ. Don has graciously, and I might add, excitedly volunteered to take on the job of reporting the news from the eastern part of the Volunteer State. Don is no stranger - you enjoyed his cartoons which began last issue. Now, he will continue cartoons, and also write about east Tennessee.

I hope you will all give him your full support. Send him news, put him on your newsletter mailing list. Let him report news for you as it deserves to be covered. tnx-K4MOB.

* * * * *

Hi! I am Don and I intend to do a little writing with your help. We just want you to get to know us this issue - and I promise, we'll have lots of East Tennessee news in the February issue.

As you are seeing, it's fall of the year again. Fall is a wonderful place to to be in East Tennessee. The weather cools, the trees change to beautiful colors, it's football time, and best of all there is always ham radio. Although ham radio is a year round hobby, it is always a welcomed addition to any season. It is, however, an addition to our lives that many of us take for granted. We should always remember ham radio is a privilege. The hobby should be enjoyed and respected. There will always be discontents in everything, but we should strive to approach our passion of radio with a positive attitude and make it the best it can be.

This is the intent of my contribution to the SERA Repeater Journal. I want to pass on to you readers the good things that are happening to and with ham radio in my eastern Tennessee area.

I haven't always lived in East Tennessee. I grew up near Marietta, GA., but after spending time at the University of Tennessee at Knoxville I knew where I wanted to be. The hustle of the Atlanta area is just not for me. Atlanta is a great place, but the peaceful rolling hills and the wonderful folks living here in the valley are just my speed.

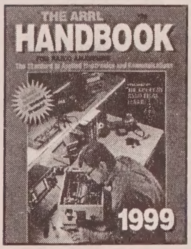
I live in Lenoir City and work as a Magnetic Imaging Technologist in Oak Ridge. I have only been a ham for about six years and I still consider myself very much a rookie in the hobby. I learn something new about radio everyday and I hope that continues for a very long time.

I welcome any comments and information from you readers. If you know something good happening in or about ham radio around or in East Tennessee please let me know so I can share it with others. My e-mail address is AD4QQ@aol.com or simply ad4qq@sera.org or send me some snail mail. My address is at the head of this item. Let's all join together and make our wonderful hobby greater than it already is.

I'll be looking to hear from you, and anxious to get started reporting the news. *-Don*

Just out! The 1999 ARRL Handbook Now Available

The American Radio Relay League announces the 1999 edition of *The ARRL Handbook for Radio Amateurs*, the 76th edition of this standard electronics reference book.



The new 1200 page *ARRL Handbook* is revised and updated annually to maintain its longstanding reputation as the best all-around electronics reference. Whether you are an Amateur Radio operator, an engineer, a technician or a student, you'll find it invaluable. First published in 1926, *The Handbook* remains the one place to turn for invaluable reference material, building projects and thorough explanations of electronics and communications theory.

New for 1999, *The Handbook* has a switching power supply project, a legal limit Svetlana 4CX1600B Amplifier project, a voice keyer project, an enhancement to the high power antenna tuner project and templates for weekend projects.

The soft cover publication, just out last month is available from ARRL, or from your favorite Amateur book dealer.

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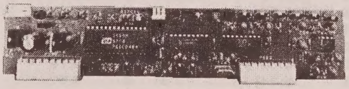

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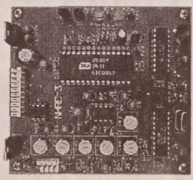

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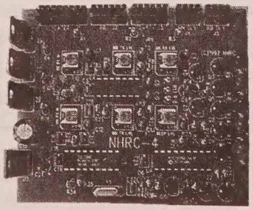

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SERA Year-To-Date *Financial Statement*

- Prepared by Johnny Wofford, WA4ETE, TREASURER

SOUTHEASTERN REPEATER ASSN., INC.

INCOME	Jan-Mar 98	Apr-Jun 98	Jul-Sept 98	Total YTD
S-Adv	$ 5,614.00	$ 3,150.65	$ 5,778.60	$14,543.25
S-ARRL Royalty	$ -	$ 2,092.00	$ -	$ 2,092.00
S-Assoc	$ 2,954.00	$ 3,772.00	$ 3,991.00	$10,717.00
S-Full	$ 2,648.00	$ 883.00	$ 340.00	$ 3,871.00
S-HOTP-Prepaid	$ -	$ 68.75	$ 137.50	$ 206.25
S-INT	$ 174.03	$ 277.92	$ 142.91	$ 594.86
S-NC-Refund	$ 618.72	$ -	$ -	$ 618.72
S-Other	$ 37.25	$ 60.00	$ -	$ 97.25
S-Refund	$ -	$ 5.00	$ -	$ 5.00
S-RJsales	$ 742.75	$ 70.00	$ 585.00	$ 1,397.75
S-Shirts	$ -	$ 140.00		$ 140.00
S-transfer	$ 1,200.00	$ -		$ 1,200.00
TOTAL INCOME	$ 13,988.75	$ 10,519.32	$ 10,975.01	$35,483.08
EXPENSES				
S-Bank	$ 70.80	$ 4.18	$ 12.50	$ 87.48
S-HOTP	$ 140.85	$ -	$ -	$ 140.85
S-Internet	$ 324.53	$ 19.95	$ -	$ 344.48
S-Jour-Postage	$ 955.56	$ 1,176.81	$ 1,053.59	$ 3,185.96
S-Jour-Print	$ 6,615.25	$ 6,699.18	$ 7,369.74	$20,684.17
S-Lodging	$ 1,973.82	$ 1,937.21	$ -	$ 3,911.03
S-Mail Serv.	$ 275.00	$ 304.61	$ 309.58	$ 889.19
S-Medicare	$ -	$ (2.84)	$ 3.24	$ 0.40
S-Office	$ 360.29	$ 1,700.56	$ 379.47	$ 2,440.32
S-Phone	$ 291.62	$ 316.10	$ 284.06	$ 891.78
S-Postage	$ 197.84	$ 102.15	$ 168.03	$ 468.02
S-Promotional	$ -	$ 1,805.00	$ -	$ 1,805.00
S-Repair	$ 460.72	$ -	$ 259.64	$ 720.36
S-Salary	$ -	$ 195.70	$ 168.66	$ 364.36
S-Shipping	$ 38.25	$ 899.59	$ 234.95	$ 1,172.79
S-SSecurity	$ -	$ (12.14)	$ 13.81	$ 1.67
S-Tax	$ 330.13	$ 422.40	$ (377.19)	$ 375.34
S-Travel	$ -	$ 34.90	$ -	$ 34.90
TOTAL EXPENSES	$ 12,034.66	$ 15,603.36	$ 9,880.08	$37,518.10
TOTAL INCOME - EXPENSES	$ 1,954.09	$ (5,084.04)	$ 1,094.93	$ (2,035.02)
	Jan-98	**Mar-98**	**Jun-98**	**Sep-98**
ASSETS	**Balance**	**Balance**	**Balance**	**Balance**
SERA Account	$ 4,128.16	$ 7,289.50	$ 4,104.24	$ 4,303.73
SERA Transfer Account	$ 1,175.15	$ 2,128.15	$ 3,176.15	$ 2,267.45
SERA's Savings Account	$ 21,890.70	$ 20,683.45	$ 20,961.37	$21,856.81
TOTAL ASSETS	$ 27,194.01	$ 30,101.10	$ 28,241.76	$28,427.99

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www.sera.org

More Changes made to The SERA Repeater Index

We have made some more changes to the official SERA Repeater Index this issue. For the first time in 27 years, advertising appears on index pages - but - we hope it has been placed in an unobjectionable position.

The index is now 16 pages in length, representing almost 25% of any issue of the Journal. With several other pages that could have no advertising, it was apparent something had to be done.

The Repeater Journal has not, is not, and is never intended to pay for itself, however, it is expected to pay at least 60% or more of its way. The remaining cost is in the form of subsidies from the organizations membership dues collected.

By putting advertising in a way that it will not detract from the indexes, we were able to generate revenues from these pages for the first time.

More revenues in the same or lessor number of pages, makes less subsidies required to pay for the book. With paper costs increasing almost 40% in 1997 and postal increases in 1998, and no dues increase, we faced a choice of doing what we did, or ask the Board for more subsidies. More money poured into the Journal would possibly require a dues increase, and an additional ad rate increase for 1999.

By doing what we did, I think we may have eliminated the need for either increase for the forseeable future.

You will note the index type size and spacing is identical to how it was before. By stealing about 1/3 inch from each of the three columns of indexes, which was kind of loose, we generated a full inch width for the ads.

We hope you'll support us in this endeavor. In the long run, it will save us all some money! (the editor)

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Allen 98

Traffic Nets as a Public Service

The Role Of Morse Code — Past, Present, & Future

-To the Journal by Willard H. Sitton, W4HZD
Written by - Frederick V. Adsit, NY2V,

There are compelling arguments for keeping the current CW test requirements unchanged - CW Net Operations.

This explanation is lengthy, but as brief as possible considering its complexity. It will insult some phone operators without intending to do so. My apologies if many readers take my statements as insults to their abilities.

CW, cw, Code, code, etc. in this message all refer to the International Morse Code. Traffic and message refer to ARRL Radiograms, the wireless equivalent of a Telegram.

1. How traffic nets operate and their service to the public.

The most streamlined, efficient, accurate, highly trained message handling system in the world is the ARRL's National Traffic System. The system is made up of over 500 nets which operate 365 days a year. This is done, handling relatively low priority messages, to keep the operators honed to a fine edge re reliability and operating ability.

Nets meet in an 'up-down ladder' system, most at the same times in their particular time zones. The result is a systematic, repeating system of meeting and relaying traffic, at the same geographical level, and in/out of the geographical coverage of the particular net if it is at Section level (a State or part of a large State), or Region level (close to the same geographical coverage as the Call Areas). Area nets meet at the apex of the up-down ladder vs. time each day, and move messages between Regions, and across Area boundaries which correspond to the time zones.

The system is so flexible that it can be run continuously in an interleaved schema, or only parts of it can be operated, depending on the nature of the emergency situation which justifies having a National Traffic System at all.

Unlike tactical ham radio communications at the site of an emergency, the NTS uses a standard message format, including a system of message priorities. Most NTS operators act as liaisons between the tactical nets (generally ARES - Amateur Radio Emerg. Service - nets) and the traffic nets. Briefly, the purpose of all this is primarily to handle Welfare traffic out of an emergency locale and onward to concerned relatives etc. who cannot get through due to overloaded (or in worst cases, nonfunctioning) telephone circuits.

The ARRL has written agreements with various served agencies (such as the Red Cross) to come to their aid when needed. It is on these occasions that the daily practice pays off, and Radio Amateurs prove their worth as Public Service Communicators. As far as relaying message traffic goes, it was once a "trunk-line" system, something like the elite ARRL Transcontinental Corps of today. It is where the American RADIO RELAY League got its name, and why it keeps that name.

2. Why CW is better than any other mode for handling traffic.

FM on VHF and UHF are best for ARES tactical communications and for the relaying of formal traffic in/out of a small area.

For moving traffic beyond those limits, the NTS operating on HF is designed for that. On crowded weekends, and during the evening hours, CW (Morse Code) is the mode of choice. It was the original mode, and to this day, the most disciplined operators are those who use CW. Why? The accuracy of a message, right down to where "line breaks" in an address go, is hypercritical. CW involves one character at a time, with special signals for going to the next line, etc. Digital modes work the same way, but have yet to prove worth the effort when operating in nets.

At the Area Net level, and at the Transcontinental Corps levels, where net-to-net long-haul traffic is being handled, digital modes excel. Below that level, CW and voice excel, with CW holding the prize for appropriateness and especially for accuracy.

Surprisingly, speed is high on CW, since little needs repeating or spelling out in phonetics — a time waster (and a spelling test) on SSB or even FM.

And, again, a CW Net operator seems a breed apart. Most of these HAVE to liaison with SSB and FM nets to get the traffic moved. The reverse is rarely true. Few FM Local Net or SSB Section Net operators, and even fewer ARES tactical operators, have seen fit to operate in CW nets.

Thus, operators like myself are oft referred to as "multi-mode" traffic handlers, a breed apart, and without doubt, we think, the most serious ham operators in the world.

After all, the messages are on behalf of the public, and it is our duty to be accurate and efficient. CW continues to do this best in most NTS traffic nets. If I see an obvious error in a message, I can almost always trace it to an unintentional SSB or FM voice traffic net operator error. I use these nets myself, and even there, seem to bring with me the operating discipline so necessary on CW.

During poor HF band conditions, the ability to use CW, even on a phone net, is critical. I have done it many times, although in recent history I have done it less as the code testing, and thus the interest in code per se, has brought us more and more phone operators who drop the code when the test is passed. This phenomenon is nothing new — it dates back to post WWI, but there is no reason to aggravate the situation.

3. How this service will be degraded if CW test requirements change.

There ARE HF traffic training nets, but most operate at well above 5wpm, most at 13wpm. Virtually all Section nets operate at roughly 20wpm, and some such as I operate in go at 25 wpm

(Continued on Next Page)

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Traffic Nets and the Role of CW

(Continued from Page 17)

or even faster. Region nets seem to move at least at 25 wpm. Area nets move that fast or much faster, depending on operators' abilities and band conditions. Transcontinental Corps operators also operate at the highest feasible speed when using CW.

It takes guts to become a CW traffic handler. As all of them will agree, however, it comes easy with practice, and is highly rewarding, to the ham, and to the public in time of emergency.

If the licensing requirements are dumbed down to 5 wpm, or ultimately no CW testing at all, few hams will need to learn Morse Code, or learn it at a conversational speed, and the whole serious Public Service part of our Service (not hobby, Service) will suffer for it.

If not exposed to code as a test element, few hams will pursue it just out of curiosity. As it is, few hams today, who passed tests at 20wpm, can operate CW at all any more. Yet, surveys show that these same hams support CW as a test requirement. The issue of Morse Code as a license separator and as an incentive to upgrade to licenses offering more frequency and mode privileges has worked since Amateur testing began.

To streamline the testing on the premise that Morse Code is obsolete and no longer relevant will have a heavy long-term impact on the ability of the National Traffic System, and independent traffic nets, to maintain one of the few justifications for ham radio's existence — Traffic Handling (i.e. Radio Relay).

This subject is getting all too little attention, and I have thus separated it from my fundamental proposition that we do not need or want a dumbed-down Amateur Radio hobby, we want an Amateur Radio Service with stong licensing integrity which both our young and our retired will see as a worthwhile endeavor (which it IS).

Individuals' computers often fail. ophisticated digital communications devices also can fail. On 1999-Dec-31, we will all hold our breaths that chaos does not prevail. In the meantime, hand keys, semi-automatic keys, and most keyers will NOT fail. Thus, International Morse Code can prevail with even a homemade key, a small transceiver, a battery, and antenna wire.

I have used such a setup to CONTROL the New York State CW Net, and few operators knew the difference other than a slightly weaker received signal. And although irrelevant to Amateur Radio, the day WILL come when the lack of a ham shack with a code key in it will prove to be the downfall of some large ship at sea. History will repeat itself, not due to operator stupidity, but due to not adhering, as at least a backup, to the KISS principle. Let us not destroy the last bastion of Morse Code knowledge and expertise by dumbing down code test requirements for licenses in the Amateur Radio SERVICE.

For those who find all this trivial, too complicated, or both, you perhaps need to join us traffic handlers. We are Paying the Freight in the Amateur Radio SERVICE, and neither my fellow hams nor the FCC should forget that fact. Want a corps of trained operators? We have some now. Will we have any in the future?

P.S. Remember the satellite outage this spring, and the non-working pagers?

And, last evening, my cable TV went blank, and the operator said the service would be down for seven hours for upgrading. No prior notice was given. Good thing my (and some business's) Internet service and telephone service were not piped though those same fiber optic/coaxial cable nodes . . . Meanwhile, I worked some CW, using Wireless. Think about it, and do not make changes that reap no benefits. Legislation cannot be easily reversed. Dumbing down ham radio is a short-sighted and grievous mistake. Contributing to jeopardizing the future of the ARRL National Traffic System is one major part of such a mistake.

The author, Frederick V. Adsit, NY2V, has been a Radio Amateur for 50 Years; and a NTS/ARES operator for the Past 25 Years. He is a Member of the ARRL and FISTS, the International Morse Preservation Society.

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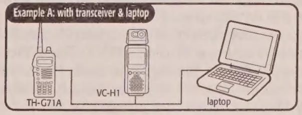
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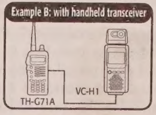
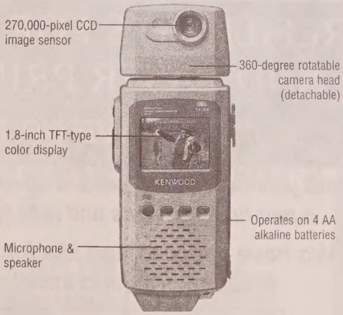

Example B: with handheld transceiver
TH-G71A
VC-H1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tales of the happy hamette

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The Internet, The Radio and Thou, Thee, We ?
or Why Can't We Be Friends???

You knew this was coming. You probably bet on how long I could hold out on not writing about the Internet. Believe me, I wish I had a penny (even with today's passbook savings rates) for every thing I have not written on the Internet for all this long time. I bit my tongue so much during NTS nets that I had to quit just to keep a working mouth so that I could order more RAM and save for a new 2M radio.

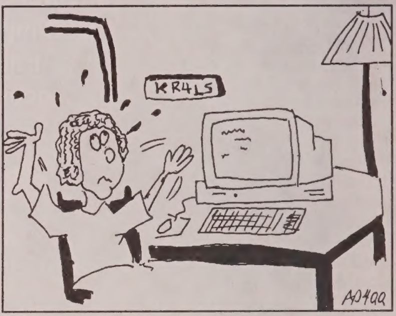
HAMs seem now to be at two ends of a spectrum: we either use and appreciate the Internet and e-mail or we don't know anything about it but don't like it. Now, given that one premise of being a HAM is to EMBRACE and USE new technology, we can't agree how and if to do it. One side feels that we ought to use the Internet to it's fullest; while the other side feels that we should damn (excuse me to that nice man in the third row) the Internet as the evil that is just ruining (pronounced as "ruhrn-ning") the radio, ARES, MARS, NTS, all traffic and even the Girl Scouts cookie drive.

In some places this is a hot debate. It is not my place to solve it. I am just a HAM, like you. I have my nose into too much as it is. I don't think that any group ought to force it's ideas on the rest. But, I will offer some thoughts, nevertheless. First, my premises are:

1. Amateurs do and should embrace new technology. We are supposed to be the creators, innovators and users of all the latest radio telecommunications technology. We developed 2M hand held radios to GPS and APRS satellite communications and NASA required that astronauts had to be Amateurs. Amateurs have been the leaders in the use of computers. Many of the first computer developers were, indeed, HAMs. We are known, historically, to non-HAMs as premier electronic and communications theorists, experimenters and practitioners.

2.Technology goes forwards, not backwards. Also, all change is uncomfortable and difficult - even positive change. We will not return to using RTTY or black and white TV or rotary phones. We won't. As we see how the Internet and e-mail can help our lives in so many ways, we will see the Internet not just as a WANT but as a NEED.

3. Will, the Internet, by it's nature or ours, be a ruination of Amateur Radio? Well, that is up to us and how we use it. If we use it to have a net in a chat room, instead of the radio, that is our misuse of our abilities and ill use of our licenses. If we use e-mail to send a report of a hurricane to the state EC, then that can be a wise, efficient use. I don't think that it is debatable that the ARRL, SERA, NC ARRL, WCARS all hold very valuable information at their web sites. Some information can not be gotten any other way in that format or as quickly. Being able to get the local TV station for instant updated news and the National Weather Service are compelling enough reason to think twice before damning the Internet.



The Internet has made us question our radio practices and habits because, by itself, one doesn't need a radio to make it work. Although it can work with a radio. Because anyone can use the Internet it both takes away it's specialness as a mode and makes the it a more special mode for HAMs. It has provided new challenges, information and excitement into our hobby. (Amateur Radio really, really is a hobby. Pinky swear.)

4. The Internet is not killing nor will it replace the radio. It is an enhancement to the radio. It can be thought of as another tool or mode that can be linked to the radio, if desired. You can use it similar to a TNC with your computer for talking through 2M repeaters in distant states, for example.

It provides an easy written record of nets, traffic, and emergency documents that HAMs use to function. Radio Romeo uses it to put in big type the calls of those who check in to his nets; log traffic and make up his reports for the Net Managers. He gets HAM programs for his TNC for packet, AMTOR and other digital software and exchange with other HAMs. You can get DX, CW, antenna and project programs. That is the TIP of the Internet iceberg, as the Internet digerati who are reading this will know.

I repeat, those who think that the Internet is killing the radio don't know how to use it to enhance and further enjoy the radio.

5. One of the primary goals of Amateur Radio is the ability and willingness to provide effective and efficient as possible communications for emergencies - presumably being trained to do so. The best method, in my opinion, will remain the 2M and HF radio - equipped with alternate power. E-mail can be a great supplement to the radio to send in the detailed reports, photos and after action statements needed by governmental and civic agencies. Remember, that is what Field Day is all about - to prepare for emergencies.

If we all can agree with these premises, at least for a few minutes, then we can choose what mode of communication to use. There is no law that says that we HAVE to use the Internet or 2M or anything else.

Our diversity, as Mr. Spock says, is what makes us interesting and gives us cohesion not divisiveness, unless we allow it to do so. If we all we on just 2M, how would that be? Um-hum. Ah, now, you are getting it. Because we are innovators, that is why these other modes were developed. But, we can choose to use the Internet, if needed or desired. It is a tool, like 2M or packet or CW to supplement voice communications on HF and VHF, principally.

I wish that the ole fuss-budgets would just cool it for a minute. They have not used this new technology so they don't realize what it really is or can do. They are like the old timers when RTTY came. Or when packet came. Remember? Who-ee. the fussin' and a cussin'! Jim told me about some that like to have thrown a fit over RTTY. They thought it would ruin us all. They thought it was the devil himself. Now, many of those same men use it and wouldn't want to do without it. Well, guess what!? The Reverend Billy Graham even has a web site.

I promise you that two years ago at a hamfest, I heard two men say that the Internet is evil and should not be used. This is from two men in a MARS service whose Chief said that they use all means possible to handle the messages in a timely and efficient fashion. It should be noted that all MARS service Chiefs encourage the radio be used if possible. MARS messages go to and from the military and families who are separated by oceans or states, you must remember. The nature of MARS messages is very different from NTS. MARS messages may be health and welfare or vital to the stability and maintenance of families

Hamette Continues on Next Page

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tales of the happy hamette

(Continued from Previous Page)

and their households. Those messages can not sit or bounce around as NTS traffic can (not do, but can) because NTS operators can not, by ARRL rules, use e-mail to route it to a local HAM to get it delivered in a more timely fashion. I have no patience with that line of thinking that those men at that MARS meeting espoused.

Again, we are not going backwards in time or technology, we are going forward. Us HAMs BETTER be the creators, innovators and users of it all in a wise manner OR we WILL lose out on all the rest, our frequencies, new people getting interested in HAM radio, everything. We can keep our operating standards high yet let new modes and new enhancements be used, too.

But, how to get over the nay-sayers ? Education. Seeing. Using. But, what if you don't have a computer or access to one? The Happy HAMETTE to the rescue.

I will describe some important points about the Internet and e-mail in terms of how it benefits and enhances Amateur Radio. Those of you who use a computer and BBSes, you are half-way there. You see DOS-type on blue or black backgrounds. Ah, there is more. Much more my dearie Dears. Ask a friend in your club to let you get a tour of the Internet on his computer.

Come over and see Jim and I. I mean it. We will show you. The Internet is like a moving magazine - colors, photos, animation, pictures. The "cover" is the Web Site "opening page" and the rest of the magazine is contained within in pages that you click to, instead of turning paper pages. It is full of color. If you have limited vision, you can change the type size or if you can not see at all, you can still use it through a text-to-speech interface and reader. If you have impaired or no ability to use your hands, you can use now low-cost voice recognition software. But, there is more. Instead of having to go to another magazine or book to see more, all you have to do is to "click" to others sites and there it is. TV and radio stations, the weather, NASA, museums, stores are all on the Internet.

Speaking of magazines. The Repeater Journal that you are reading was put together in large part due to e-mail. Wayne, K4MOB, writes, what makes "e-mail capability nice, putting the RJ together, over 99.5% of the stories are sent to the Editor via email, already being digital, the Editor only has to 'pour' the stories into the typesetting program, .saving hours and hours of keyboarding from the old way of reading hard copy." Us feature writers as well as the correspondents send our articles into him. If Gene Fegely mistakenly types "turtle cooties" for " funny frequencies" then Wayne can fix it easily. Wayne can make a much more up-to-date RJ because of the speed of e-mail giving him a longer lead time to accept articles and everything else.

Wayne also gave this fascinating fact: " The over 4,000 repeater listings in the Journal are all fed directly from one computer to another over 40 miles away in an amazing speed of less than 30 seconds."

And what is so wonderful is that Wayne will provide, as he states, "The Repeater Journal news portion in it's entirety is on the Internet via email for the SERA members who are visually impaired." With the invention of text-to-speech software, all blind HAMs can now read the Repeater Journal. This was Wayne's idea and he implemented this for the blind HAMs. All SERA disabled people have access to the Repeater Journal thanks to the Internet.

But, Good Golly, Miss Molly, there is still more to tell you.

The Internet is a big library, office, laboratory, tool shed, TV and radio stations, bulletin board, weather station, and desk. It is the biggest library there is. You can, read all the ARRL and FCC bulletins as they come out - INSTANTLY - get an address of a DX station by call sign, get DX solar cycles predictions, get your Congressmen's e-mail address and send him a note about a bill that you want passed, contact a company that you are having trouble with to get help or go to the Louvre in Paris and see much of the art on display. This is a taste. A nibble. A mere whiff.

Another thing, you can chat by voice or in print in real time with anyone anywhere in the world as you do on the radio in through various communications programs. But, you get a-n-y-b-o-d-y from the freaks to the nuts. You don't know who they are. However, there are programs that HAMs can use to talk just to HAMs. That is what I think is preferable. I will not get into regular Internet chat rooms. I did a few times to see but it is not for this Lady. No sir. Yeecch. I prefer to just communicate with a HAM or a fellow MARSian. You can look up and find out about a HAM whereas you can't with just anyone that you would come upon in these chat rooms.

The Internet has unlimited potential for use with the radio. You can link it to the HF, 2M, to a satellite, to TV, to radio programs, to Doppler Radar, to GPS, to packet (Yes ! My beloved Radio Romeo did it) in emergencies, you can send, get, review and use very complete emergency reports via e-mail and post on web sites. ARRL has a wonderful site as do many states for ARRL and ARES. We can really see what is going on in HAM radio with the completeness of Internet reportage. Because we are HAMs, we can enjoy it much, much more fully than those who aren't.

If nothing else, once you have e-mailed with someone in your family or a friend for free - as opposed to not being able to talking with them at all because of expensive phone calls - you will love it.

Now, if you don't have the money to get a computer, here are some ideas to get one or, at least, be able to use one. Go to your the main branch of your local library. In some states, libraries have computers for people to use. If you are disabled or elderly, other possible means to get one are by contacting your state: Vocational Rehabilitation Independent Living program, Council for Aging, Services for the Blind or Assistive Technology program for the disabled. If they don't have one of these programs or you aren't eligible, maybe one of these agencies will know of a program.

However, computers are less expensive than they have been in a long time. Ironically, you get a whole lot more for your money now than you did ten years ago. Go to a hamfest and see what you can't find. Oh, Sug, go to a Hamfest anyway. Some of you need to air your selves out anyway. You already know that HAMfests are a great place to get computers or parts for upgrades. If you buy wisely, you will make a good investment for the quality of your life. It is just as useful as the your 2M, TV, radio and telephone now.

Now, in a disaster or weather emergency, battery powered HF and 2M HTs are still the best method to communicate. I, Miss Cynthia Ann Riddle Internet Rogers wrote that. It's the truth. Nothing will replace the radio. Because the limit of the Internet is this: if the power and phone lines go out, so does it. YOUR computer and Internet connection may work on a generator but, the site or person you need may not because to reach e-mail and Internet sites, the signal must travel through phone lines, servers and routers along the way that may be down. So, keep those radios charged and batteries fresh. The safety and security of your family and your community in times of emergency implores that being a HAM or HAMETTE is one of the most wonderful and special things in the world. The Internet makes being an Amateur ever MORE special because we can do things that no one else can. We always have communications because of our radios, too.

Ya'll know the REAL secret about the Internet don't you? You don't?

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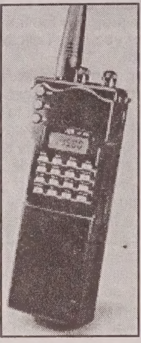

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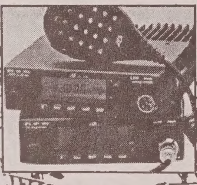

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Some repeaters allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. For tone-accessed repeaters, the codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission to publish. They are in the By-State, and By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Unknown listings are in a separate area.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. There is no charge. The annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA

SERA FM VOICE SIMPLEX

10 Meters:	29.600#					
6 Meters:	52.490	52.525#				
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*
	146.490*	146.505*	146.520#	145.535	146.550	146.565
	146.580	146.595	147.405*	147.420*	147.435*	147.450*
	147.465*	147.480*	147.495*	147.510	147.525	147.540
	147.555	147.570	147.585			
220 MHz:	223.400	223.420	223.440	223.460	223.480	223.500#
	223.520	223.540	223.560	223.580	223.600	223.620
	223.640					
440 MHz:	445.825	445.875	445.900	445.925	445.950	445.975
	446.000#	446.025	446.050	446.075	446.100	446.125
	445.150	(Not all listed)				

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.

- Designated National Simplex Frequencies.

SERA DIGITAL/PACKET SIMPLEX

2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530
	145.550	145.570	145.590	145.610	145.630	145.650
	145.670	145.690	145.710	145.730	145.750	145.770
	145.790					
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760
	223.780					

High speed digital channel (100 KHz wide) - 222.350 - 222.450 (222.400 Center)

High speed digital channel (100 KHz wide) - 223.800 - 223.900 (223.850 Center)

440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750
	440.9875	441.0000	441.0125	441.0375	441.0500	441.0625
	441.0750	441.0875	441.1000	441,1125	441.1375	441.1500
	441.1625	441.1750				

NOTE: Digital operators are reminded to check with their local Digital/Packet organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels have specific exclusive uses.

REPEATER INDEX LISTINGS BY STATE - BY CITY

Does Not Include 1999 Datasheet Chgs -10-16-98

GEORGIA

10 METERS

ATL/MARIETTA	N4NEQ	29.640 -	T118.8	
CONYERS	AI8H	29.680 -		
DALTON	N4BZJ	29.680 -		☺
#MACON	KF4XH	29.620 -	UNCOR	
MONROE	KQ4XL	29.620 -		

6 METERS

ATL/MARIETTA	KD4DKW	53.090 -	T118.8	
AUGUSTA	NA4I	53.030 -		☺
BOLINGBROKE	KC4ZIZ	53.430 -		
CARTERSVILLE	WB4AEG	53.070 -	T123.0	☺
CLEVELAND	N4RBT	53.170 -		
CONYERS	WB4JEH	53.550 -	T151.4	
#CONYERS	WB4JEH	51.550 +	UNCOR	
CRAWFORD	KD4FVI	53.330 -	T88.5	
#CUMMING	WA4YNZ	51.700 -	UNCOR	☺
DALTON	N4BZJ	53.130 -		☺
DECATUR	KA4UFM	53.390 -	T	☺
DOUGLASVILLE	N4UOX	53.470 -	T88.5	
IVEY	K4YC	53.730 -	PROP	
LAKE PARK	KB0Y	53.890 -	T141.3	☺
#MACON	KF4XH	53.390 -	UNCOR	
MARIETTA	N1KDO	53.210 -	PROP	☺
MARIETTA	KF4BMG	53.250 -	PROP	
PINE LOG MT.	KE4PN	53.290 -	T198.2	☺
#ROSWELL	WA4YNZ	53.010 -	UNCOR	☺
WATKINSVILLE	KD4AOZ	53.570 -	T	☺

2 METERS

ADAIRSVILLE	WD4IWL	146.685 -		☺
ALBANY	W4MM	146.700 -		☺
ALBANY	W4MM	146.730 -		☺
ALBANY	W4MM	146.820 -		☺
AMERICUS	WD4EBB	147.270 +		
ATHENS	WA4BKF	146.745 -		☺
ATHENS/CRAWFRD	K4TQU	147.375 +		☺
ATL/UNION CITY	WA4UPE	146.625 -		
ATLANTA	W4AQL	145.150 -		
#ATLANTA	WB6RTH	145.190 -	UNCOR	☺
ATLANTA	W4IBM	145.290 -		
ATLANTA	W4DOC	145.350 -	T146.2	☺
ATLANTA	K4LCI	145.430 -		
ATLANTA	WB4QGR	146.640 -	T	
ATLANTA	W4DOC	146.820 -	T146.2	☺
ATLANTA	WB4RTH	147.105 +	T100.0	☺
ATLANTA	K4JPD	147.195 +	T	
ATLANTA/AIRPORT	W4REI	147.030 +		☺
ATLANTA/BELL	W4PME	145.410 -		☺
ATLANTA/GPCO	WA4VBX	147.285 +		☺
ATLANTA/MARIETTA.	N4NFP	146.655 -	T118.8	
ATLANTA/MARIETTA.	N4NEQ	147.345 +	118.8	
ATLANTA/SWEAT MT	KD4NC	146.730 -		☺
AUGUSTA	KK4HL	145.110 -		
AUGUSTA	NA4I	145.290 -		☺
AUGUSTA	AA4UA	145.370 -		
AUGUSTA	NA4I	145.410 -		☺
AUGUSTA	W4DV	145.490 -		☺
AUGUSTA	KT4N	146.940 -		
AUGUSTA	NA4I	146.985 -	T100.0	☺
AUGUSTA	N4BMA	147.180 +		
BAINBRIDGE	KE4RWR	147.090 +	PROP	
BALDWIN	WD4NHW	147.180 +		☺
BLAIRSVILLE	K5PRE	146.955 -		☺
BOGART	WW4T	147.000 +	PROP	☺
BONAIRE	KD4HMH	145.470 -		
BONAIRE	KM4DT	147.015 +	T82.5	☺
BOSTON	W4UCJ	147.195 +		☺
BRUNSWICK	K4TVE	146.730 -		
CIEV;MD/LONG MT	WB4HIG	146.910 -		☺
CALHOUN/JASPER	KC4AQS	146.805 +		☺
CARROLLTON	W4FWD	146.640 -	T131.8	☺
CARTERSVILLE	N4GIS	147.015 -		☺
CEDARTOWN	W4CMA	147.120 +		☺
CHATSWORTH	N4YYD	145.250 -	T71.9	
CHULA	KF4BPW	147.285 +	T103.5	
CLARKESVILLE	K4HCA	147.120 +		☺
COCHRAN	N4MXC	145.110 -	T107.2	☺
COCHRAN	KF4LAP	147.330 +	T77.0	
COLBERT	N4ALE	147.300 +		☺
COLUMBUS	W4CVY	146.610 -		
CONYERS	WB4JEH	145.230 -	T151.4	
CONYERS	WB4JEH	146.610 -	T151.4	
CONYERS	KF4GHF	147.210 +	T162.2	☺
CORDELE	KB0Y	145.230 -	PROP	☺
CORDELE	KA4WUJ	145.490 -	T103.5	
COVINGTON	WA4ASI	146.925 -		
COVINGTON	WA1KMS	147.270 +	T127.3	☺
CUMMING/SAWNEE	K4BYK	147.150 +		☺
DAHLONEGA	N4KHQ	146.835 +	T100.0	☺
DALLAS	W4RPO	146.850 -		
DALLAS	WD4LUQ	146.895 +	T77.0	☺
DALTON	KS4BS	145.230 -		☺
DALTON	N4BZJ	147.135 +	T100.0	☺
DECATUR	W4BOC	145.450 -		☺
DONALSONVILLE	KD4ORB	147.375 +	T	
DOUGLAS	K4SES	147.045 +		☺
DOUGLASVILLE	KR4HV	145.110 -	T88.5	☺
DOUGLASVILLE	W4SCR	147.360 +	T88.5	☺
DUBLIN	WA4HZX	147.360 +		☺
EASTMAN	KC4RRO	145.210 -		☺
EASTMAN	KF4ODQ	145.330 -	PROP	
EATONTON	KC4YHM	147.090 +	T179.9	☺
ELBERTON	N4UJT	146.625 -		
ELLIJAY/TALONA M	KC4ZGN	146.985 -	T77.0	☺
EMERSON	AE4JO	147.240 +	T103.5	☺
FAYETTEVILLE	W4PSZ	145.210 -		☺
FAYETTEVILLE	KB4VAG	146.685 -		☺
FAYETTEVILLE	WD4LYT	147.165 +	T	
FOLKSTON	KD4GEY	146.790 -		
GAINESVILLE	W4ABP	146.670 -	T131.8	☺
GRIFFIN	K4HYB	145.390 -	T88.5	☺
GRIFFIN	K4HYB	146.910 -		
HARTWELL	WA4RBS	146.895 -	T100.0	☺
HELEN	W4MMQ	147.390 +		☺
HINESVILLE	KF4UM	147.015 +		☺
IRWINTON	WB4NFG	147.240 +	T77.0	
IVEY/MACON	K4YC	145.150 -		
IVEY/MACON	K4YC	145.250 -	T	
JASPER	KB4IZF	145.370 -	T100.0	☺
JASPER	W4OOM	146.700 -		☺
JESUP	WA4EQL	145.190 -		
JESUP	KA4EIM	145.430 -		☺
JESUP	N4PJR	146.925 -		
JESUP/SCREVEN	N4PJR	147.345 +		
JONESBORO	WA4DIW	145.170 -		☺
JONESBORO	WA4OGE	145.330 -		
KIBBEE	K4HVK	146.820 -	T	☺
KINGSLAND	KC4WWU	147.285 +	T118.8	☺
LAFAYETTE	KB4VAK	147.375 +	T77.0	
LAGRANGE	KF4WNZ	146.700 -	PROP	
LAKE PARK	KB0Y	147.135 +	T141.3	☺
LAVONIA	K4NVG	146.715 -	T100.0	☺
LAWRENCEVILLE	WB0QGH	145.190 -	T82.5	☺
LAWRENCEVILLE	WD4JXR	147.075 +		☺
#LINCOLNTON	KT4N	147.120 +	UNCOR	☺
LOOKOUT MTN	W4GTA	145.350 -	T100.0	☺
LOOKOUT MTN	KS4QA	146.760 -	T67.0	
MACON	W4BKM	145.370 -		☺
MACON	AA4RI	145.430 -		☺
MACON	W4BKM	146.660 -		☺
MACON	KC4ZGR	146.805 -	T77.0	☺
MACON	N3SM	146.895 -	T123.0	☺
MACON	WA4DDI	147.060 +	T	☺
#MACON	KF4XH	147.165 +	UNCOR	
MADISON	WB4DKY	146.865 -	T179.9	☺
MARIETTA	W4LMA	145.490 -		☺
MARIETTA	N4NFP	146.775 -	T118.8	
MARIETTA/ATLANTA.	W4BTI	146.880 -	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700 -	T67.0	☺
MILLEDGEVILLE	K4FRM	147.135 +	T123.0	
MORGANTON	N4NEQ	147.165 +	T	
MOULTRIE	WD4KOW	146.790 -		☺

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

GEORGIA REPEATERS CONTINUE

NEWNAN	K4SEX	145.130 -	T111	
NEWNAN	K4SEX	146.790 -	T111	
#NORTH ATLANTA	KR4KS	147.315 +	UNCOR	
PEMBROKE	WB4CJB	147.075 +		
PERRY	WR4MG	145.290 -	T107.2	☺
PERRY	WR4MG	146.955 -	107.2	☺
QUITMAN	WA4NKL	146.880 -		☺
RICEBORO	KF4UM	145.470 -		☺
RINGGOLD	W4ABZ	146.715 -	T67.0	
ROME	WB4YSV	147.300 +		
ROME/MT. ALTO	W4VO	146.940 -		☺
ROSWELL	N4CLA	147.060 +		☺
SANDERSVILLE	KT4X	145.270 -	T77.0	☺
SAVANNAH	KK4TO	146.700 -		
SAVANNAH	KE4WAQ	146.850 -		☺
SAVANNAH	W4HBB	146.880 -		
SAVANNAH	W4HBB	146.970 -		
SAVANNAH	KK4TO	147.210 +		
SAVANNAH	KK4TO	147.330 +		
ST SIMONS ISLAND	N4XGI	145.330 -	T131.8	☺
STATESBORO	NC4D	147.105 +		
STOCKBRIDGE	WA4JDR	145.310 -		
STONE MT	W4BOC	146.760 -	T107.2	☺
STONE MTN	WD4KDT	147.255 +	T110.9	
SUMMERVILLE	W4RLP	147.225 +		☺
SWEAT MT/MARIETT	N4CLA	145.470 -		☺
THOMASTON	W4OHH	147.390 +		
THOMASVILLE	W4UCJ	147.060 +		☺
#THOMASVILLE	KD4POG	147.240 +	UNCOR	
THOMSON	KC4GSS	146.835 -		☺
TOCCOA	KA4DIP	147.330 +		☺
VALDOSTA	KB0Y	145.130 -	T141.3	☺
VALDOSTA	KF4BJM	146.760 -	T141.3	☺
WALESKA/PNLGMT	KE4PN	145.270 -	T103.5	☺
WARM SPRINGS	KN4FE	146.985 -		
WARNER ROBINS	KF4KVE	146.850 -		
WARNER ROBINS	WB4BDP	147.180 +		☺
WARNER ROBINS	WR4MG	147.300 +	107.2	☺
WATKINSVILLE	KD4AOZ	147.045 +	T	☺
WAYCROSS	AE4PO	146.640 -	T141.3	☺
WAYCROSS	AE4PO	147.255 +	PROP	☺
WAYNESBORO	WD4COL	145.230 -		
WRENS	KB4NA	146.775 -		☺
WRIGHTSVILLE	WA4RVB	146.940 -		

220 MHZ

ACWORTH/ATL	N4MTA	224.320 -	T100.0	☺
ACWORTH/ATL	N4MTA	224.500 -	T100.0	☺
ALPHARETTA	NX9O	224.580 -		☺
#ALPHARETTA	WB6RTH	224.840 -	UNCOR	☺
ALPHARETTA	KC4JNN	224.860 -	T100.0	
ATL/MARIETTA	N4NEQ	224.440 -	T118.8	
#ATLANTA	W4DOC	224.340 -	UNCOR	☺
ATLANTA	W4DOC	224.560 -	T146.2	☺
ATLANTA	KK4C	224.820 -		
ATLANTA-NE	KC4OVY	224.200 -	T100.0	
ATLANTA/BELL	W4PME	224.620 -		☺
ATLANTA/MARIETTA	N4NFP	224.120 -	T118.8	
ATLANTA/MARIETTA	N4NEQ	224.220 -	T	
ATLANTA/MARIETTA	PT2RFL	224.960 -	T100.0	☺
AUGUSTA	AA4UA	224.200 -		
AUGUSTA	WB4KXO	224.940 -		☺
BALDWIN	WS4F	224.100 -		
BISKEY MTN	KC4JNN	224.160 -	T100.0	
CARTERSVILLE	N4GIS	224.600 -		☺
CLEVELAND	N4RBT	224.380 -		
#CONYERS	WB4JEH	224.020 -	UNCOR	
CUMMING	K4JSR	224.980 -		
DALLAS	N4YDX	224.180 -		
DALLAS	N4YEA	224.540 -		☺
DALLAS	KE4ZTA	224.700 -		☺
DALTON	N4BZJ	224.360 -	T	☺
DALTON	N4BZJ	224.460 -	T118.8	☺
DALTON	N4BZJ	224.680 -		☺
DALTON	N4KVC	224.740 -	T	☺
FT MT/CHATSWTH	N4YYD	224.240 -	T71.9	
GAINESVILLE	W4ABP	224.460 -	PROP	☺
HAWKINSVILLE	WR4MG	224.820 -	PROP	
#LOGANVILLE	WB6RTH	224.640 -	UNCOR	☺
MACON	W4BKM	224.660 -		☺
MARIETTA	KE4QFG	224.260 -		☺
MARIETTA	W4LMA	224.900 -		☺
NORCROSS	KE4IPX	224.480 -		☺
PINE LOG MTN	KE4AIS	224.520 -		☺
ROCKMART	KC4KLW	224.780 -		
SNELLVILLE	KR4KS	224.920 -	T	
STONE MT	W4BOC	224.760 -		☺
VALDOSTA	KB0Y	224.460 -	T141.3	☺
WALESKA	KD4ALC	224.140 -		
WALESKA	N4GIS	224.940 -		☺
WARNER ROBINS	WR4MG	224.840 -		☺
WATKINSVILLE	KD4AOZ	224.420 -	T	☺
YORKVILLE	WD4LUQ	224.880 -	T77.0	☺

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0	☺
ALBANY	W4MM	444.500 +		☺
ALPHARETTA	WB6RTH	442.000 +		☺
ATHENS	AA4AI	442.950 +	T179.9	
ATHENS	WB4VNT	443.300 +	T	☺
ATL/MARIETTA	N4NFP	442.800 +	T	
ATLANTA	WA4NMF	442.025 +	T100.0	☺
ATLANTA	WA4CNG	442.100 +	PROP	
#ATLANTA	WB6RTH	442.225 +	UNCOR	☺
ATLANTA	WB5TUF	442.525 +	T	☺
ATLANTA	KE4PVE	442.675 +	T100.0	☺
ATLANTA	WA4YNZ	442.975 +	T	☺
ATLANTA	WA4NMF	443.025 +	T100.0	☺
ATLANTA	WB5TUF	443.450 +	T	☺
ATLANTA	KE4ZV	443.650 +	T100	
ATLANTA	KD4LXT	443.875 +		
ATLANTA	W4DOC	444.450 +	T146.2	☺
ATLANTA	WB5TUF	444.500 +	T123.0	☺
ATLANTA	W4DOC	444.825 +	T146.2	☺
ATLANTA	WA4YNZ	444.975 +	T	☺
ATLANTA/BELL	W4PME	444.150 +	T	☺
ATLANTA/MARIETTA	PT2RFL	442.875 +	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800 +	T118.8	
ATLANTA/MARIETTA	N4NEQ	444.050 +	T118.8	
ATLANTA/MARIETTA	N4NEQ	444.775 +	118.8	
AUGUSTA	AA4UA	444.400 +		
AUGUSTA	NA4I	444.900 +		☺
BALDWIN	WD4NHW	442.350 +		☺
BARNESVILLE	N4GWO	443.675 +		
#BISKEY MTN	KC4JNN	443.250 +	UNCOR	
BOGART	WW4T	443.475 +	PROP	☺
BONAIRE	KM4DT	444.625 +	T82.5	
BRUNSWICK	KD4CPO	443.425 +		
BRUNSWICK	K4TVE	444.975 +		
BUFORD	K3TD	442.900 +	T103.5	☺
BYRON	KF4XH	443.150 +		
CALHOUN/JASPER	KC4AQS	443.375 +		☺
CARROLLTON	AE4GU	444.075 +	T107.2	
CARROLLTON	WA4DB	444.300 +	T107.2	
CEDARTOWN	KD4EKZ	443.400 +	T123.0	
CEDARTOWN	KD4NTF	443.575 +	T107.2	
CHATSWORTH	N4OGF	443.000 +		☺
CHESTER	KD4IEZ	444.525 +	T156.7	
CLARKESVILLE	K4HCA	442.425 +		☺
CLAYTON	K4DKI	442.825 +	T	☺
COCHRAN	N4MXC	444.775 +	PROP	☺
COCHRAN	KF4LAP	444.975 +		
CONCORD	WB4GWA	443.400 +	118.8	
CONYERS	WB4JEH	442.550 +	T151.4	
CONYERS	N4EMM	442.750 +		
CONYERS	KB2DZA	443.725 +	T77.0	☺
CONYERS	WB4JEH	444.550 +	T151.4	
#COVINGTON	K4GO	443.750 +	UNCOR	☺
COVINGTON	KE4PVE	444.175 +	T100.0	☺
COVINGTON	WA4ASI	444.800 +	T88.5	
CULLODEN	KE4BB	444.275 +	T123.0	☺
#CUMMING	WA4YNZ	444.975 +	UNCOR	☺
DAHLONEGA	N4KHQ	443.100 +	100	☺
DAHLONEGA	N4KHQ	444.900 +	PROP	☺
DALLAS	WD4LUQ	444.700 +	T77.0	☺
DALTON	N4BZJ	442.175 +	T118.8	☺
DALTON	N4BZJ	444.500 +	T118.8	☺
DALTON	N4BZJ	444.850 +		☺
DANIELSVILLE	KE4FHN	442.650 +	T	
DECATUR	N3APR	442.200 +		
DECATUR	KA4UFM	443.950 +	T110.9	☺
DECATUR	W4BOC	444.250 +		☺
DOUGLASVILLE	W4SCR	444.575 +	T88.5	☺
DUBLIN	KD4FOC	442.600 +	T77.0	☺
DUBLIN	KD4IEZ	443.025 +	T156.7	
DULUTH	W4IXN	443.775 +	T82.5	
EATONTON	KC4YHM	442.925 +		☺
ELLIJAY	KC4ZGN	442.700 +	T77.0	☺
FLOWERY BRANCH	K4VJM	442.775 +	PROP	
FOLKSTON	KD4GEY	444.475 +		
FT. MT/CHATSWTH	N4YYD	443.350 +	T71.9	
GAINESVILLE	W4ABP	442.625 +	T131.8	☺
#GAINSVILLE	WA4DB	444.200 +	UNCOR	
GRAY	KD4KGR	443.625 +		☺
GREENSBORO	N4YXL	444.850 +	PROP	
GRIFFIN	KE4WLP	443.550 +	PROP	
HAPEVILLE	KC4ENL	442.825 +	T167.9	
HELEN	W4MMQ	444.350 +		☺
HIGH PT/LOOKT MT	KB4VAK	443.450 +	T77.0	
HINESVILLE	KF4UM	444.850 +	PROP	☺
HOG MTN	WB0QGH	444.400 +	T82.5	☺
IRWINTON	WB4NFG	444.925 +	T77.0	
IVEY	K4YC	444.650 +	T	
JASPER	W4UWH	443.625 +	T100.0	
JASPER	KB4IZF	444.375 +	T103.5	☺
JESUP	N4PJR	444.925 +		
JONESBORO	N4QCP	443.225 +		
JULIETTE	WB4JWM	444.425 +	T156.7	
KENNESAW	WA0HQQ	443.075 +	T	☺
KNOXVILLE	N4PQR	443.525 +	PROP	
LAKEMONT	N4ZRF	444.750 +	T	☺
LAVONIA	K4NVG	442.475 +	T203.5	☺
LAWRENCEVILLE	WB0QGH	442.850 +	T82.5	☺
LAWRENCEVILLE	WB4QDX	444.000 +	T10030	
LAWRENCEVILLE	WA4NMF	444.025 +	T100.0	☺
LOOKOUT MTN	KS4QA	442.650 +	T146.2	
MABLETON	KE4MLW	442.325 +	T	☺
MACON	K4DDH	442.275 +	T100.0	☺
MACON	N4IWK	442.875 +	T	
MACON	KC4ZIZ	443.075 +	T156.7	
MACON	W4BKM	444.100 +		☺
MARIETTA	N1KDO	442.050 +	T107.2	☺
MARIETTA	KE4QFG	442.375 +	T	☺
MARIETTA	WA4OKJ	442.600 +	T100.0	☺
MARIETTA	N4MTA	443.500 +		☺
MARIETTA	KF4BMG	443.750 +	T156.7	
MARIETTA/ATL	KE4QFG	442.725 +	T	☺
MILLEDGEVILLE	WB4DOJ	444.700 +	T156.7	
MONROE	KD4WOU	443.825 +	T123.0	☺
MONROE	KQ4XL	443.925 +	T123.0	
MT. VERNON	KE4PMP	442.500 +	PROP	☺
NEWNAN	KE4PVE	444.350 +	PROP	☺
#NORTH ATLANTA	KR4KS	442.250 +	UNCOR	
PEACHTREE CITY	N4YTR	444.675 +		
PENDERGRASS	KE4PVE	444.125 +	PROP	☺
PERRY	WR4MG	444.950 +		☺
QUITMAN	WA4NKL	444.600 +	T127.3	☺
REX	KB4NPO	443.975 +	PROP	
RINGGOLD	KW4KW	443.125 +	PROP	
RINGGOLD	WA4LJU	443.925 +		
ROCKMART	KC4KLW	443.275 +	T179.9	
ROCKMART	KC4KLW	443.525 +		
ROME	W4VO	443.675 +	PROP	☺
ROSWELL	W8BLA	442.075 +	T	
#ROSWELL	WA4YNZ	442.975 +	UNCOR	☺
ROSWELL/BELL	N4SE	442.150 +	T	☺
ROSWELL/BELL	W4PME	443.150 +		☺
SAVANNAH	KK4TO	442.700 +		
SAVANNAH	WD4AFY	444.000 +		
SMYRNA	N4IBW	444.650 +		
SNELLVILLE	NE1H	442.450 +	T	
SNELLVILLE	NE1H	443.050 +	T	
SNELLVILLE	WD4JXR	444.525 +		☺
ST MARYS	WA4DXS	444.900 +	PROP	
ST SIMONS ISLAND	N4XGI	442.950 +	T131.8	☺
STOCKBRIDGE	N4JMD	443.325 +	T	
SWEAT MT/MARIETT	N4CLA	444.475 +		☺
TRENTON	N4ZKI	442.475 +		
VALDOSTA	KB0Y	444.350 +	T141.3	☺
VALDOSTA	KF4BJM	444.700 +	T141.3	☺
WALESKA	N4GIS	443.175 +		☺
#WALESKA	KE4PN	443.850 +	UNCOR	☺
WARM SPRINGS	N4UER	442.400 +		
WARNER ROBINS	WR4MG	442.900 +		☺
WARNER ROBINS	WB4BDP	444.225 +		☺
WATKINSVILLE	KD4AOZ	444.725 +	T	☺
WAYCROSS	AE4PO	444.025 +	PROP	☺
WOODSTOCK	KE4SJO	444.225 +		☺

920 MHZ

DALTON	N4BZJ	919.100 -	T	☺
#SAVANNAH	WA4VHP	923.000 -	UNCOR	☺

1270 MHZ

ATLANTA	WB5TUF	1283.450-	PROP	☺
ATLANTA/BELL	KB4KIN	1292.000-		☺

ATV REPEATERS

ATL/MARIETTA	N4NEQ	427.250 +		
ATLANTA/BELL	W4ZTL	421.250 +		☺
DALTON ATV	N4BZJ	421.250 +		☺
SAVANNAH	KK4TO	421.250 +		
SAVANNAH	WA4VHP	427.250 +	T	☺

KENTUCKY

10 METERS

LOUISVILLE	KK4CZ	29.640 -		

6 METERS

ASHLAND	KF4DTJ	53.010 -		☺
HIGHLAND HEIGHTS	AD4CC	53.330 -		☺
HIGHLAND HEIGHTS	W4YWH	53.750 -	PROP	☺
LAWRENCEBURG	N4EQT	53.130 -	T107.2	☺
LEXINGTON	KE4LGL	53.570 -		
LOUISVILLE	WA4DBY	53.430 -	T151.4	
MONTICELLO	N4TPL	53.070 -	T100.0	
NANCY	KA4UHL	53.270 -	T100.0	☺
STANTON	WD4KNE	53.810 -		
WAYNESBURG	KE4RKF	53.390 -	T100.0	☺

2 METERS

ALLEN	K4ICN	147.300 +	T123.0	☺
ASHLAND	KA4OIL	146.940 -		☺
ASHLAND	KF4DTJ	147.240 +	T107.2	☺
ASHLAND	WA8KWH	147.330 +		
BARDSTWN/NELSN	WB4GGH	145.470 -		☺
BEREA	KI4B	146.715 -		
BLACK MOUNTAIN	KB4DFK	147.210 +	T103.5	☺
BOWLING GREEN	K4LOL	147.060 +	T156.7	
BOWLING GREEN	W4WSM	147.165 +		☺
BOWLING GREEN	KA4CFW	147.330 +		
BOWLING GREEN-S.	W4WSM	146.655 -		☺
BROOKS	KY4KY	146.700 -	T151.4	☺
CANE VALLEY	WA4UXJ	146.640 -		☺
#CENTRAL CITY	WF4N	145.390 -	UNCOR	☺
CORBIN	WD4KWV	146.610 -		☺
COVINGTON	WR8CRA	147.390 +		☺
CRESTWOOD	KF4TOL	147.390 +	T151.4	☺
#DANVILLE	WD4DZC	146.655 -	UNCOR	☺
DAVID	KC4KZT	145.310 -	T	☺
DAWSON SPRINGS	KF4CWK	147.090 +	T103.5	☺
#DIXON	N4IOX	147.255 +	UNCOR	☺
DORTON	KC4KZT	146.895 +	T141.3	☺
DRAKESBORO	KF4DKJ	146.820 -	T	
ELIZABETHTOWN	W4BEJ	146.980 -		☺
FARMINGTON	W4GZ	147.240 +		☺
FLEMINGSBURG	KF4BRO	146.955 -	T107.2	☺
FLORENCE	K4JBV	146.895 -	100.0	☺
FRANKFORT	N4EQT	147.105 +		☺
FRANKFORT	KC4AI	147.240 +	T100.0	☺
#GEORGETOWN	N4CO	147.675 -	UNCOR	
GLASGOW	KY4X	146.940 -	114.8	☺
GRAYSON	KF4JO	146.700 -		
GREENVILLE	WA4TTC	146.745 -		
GRETHEL	KJ4VF	147.045 +		☺

SYMBOLS: ☺ = Full Member SERA T = Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

INDEX LISTINGS - BY STATE - BY CITY . . . continued

KENTUCKY REPEATERS CONTINUE

GUTHRIE	KA4NNE	146.805 -		
HALLS GAP	W8PRH	145.170 -		☺
#HAWESVILLE	K9ZK	147.105 +	UNCOR	
HAZARD	K4VHF	146.670 -		☺
HAZARD	W8PRH	146.805 -		☺
HENDERSON	W4KVK	145.490 -		
#HENDERSON	K4DPP	146.970 -	UNCOR	☺
HENDERSON	K4LRX	147.180 +	T141.3	☺
HIGHLAND HEIGHTS	W4YWH	146.790 -		☺
HIGHLAND HEIGHTS	K4CO	147.255 +	T123.0	☺
#HODGENVILLE	KC4TX	147.315 +	UNCOR	☺
HOPKINSVILLE	KF4FO	146.710 -		
HOPKINSVILLE	KD4ULE	147.030 +	T103.5	☺
HYDEN	KF4TLT	147.240 +	186.2	
IRVINE	W4CMR	146.820 -	T192.8	☺
IRVINE	AD4RU	147.015 +		
#IRVINE	W4AIA	147.225 +	UNCOR	☺
IRVINGTON	WB4WVH	146.900 -		☺
JACKSON	WA4MXO	145.410 -		☺
#JONATHAN CREK	N4SEI	146.985 -	UNCOR	
LAWRENCEBURG	N4EQT	145.390 -	T107.2	☺
LEESBURG	KC4UPE	145.110 -	T192.8	☺
LEXINGTN/GRGTWN	W8PRH	145.210 -		☺
LEXINGTON	KC4ZY	145.250 -		
LEXINGTON	KC4TX	145.450 -		
LEXINGTON	WB4CWF	145.490 -		
LEXINGTON	KE4ISR	146.685 -		
LEXINGTON	AC4AO	146.730 -		
LEXINGTON	K4KJQ	146.760 -		
LEXINGTON	WA4HBM	147.165 +		
LEXINGTON	KJ4VF	147.195 +		☺
LONDON	KE4ZJT	147.180 +	151.4	☺
LONDON	KC4ZFH	147.285 +	T	
LOUISA	N8QCW	147.390 +	T186.2	☺
LOUISVILLE	W8PRH	145.230 -		☺
LOUISVILLE	WD4ELX	145.290 -	T151.4	
LOUISVILLE	W4PF	146.880 -		☺
LOUISVILLE	W4PJZ	147.030 +	T151.4	☺
LOUISVILLE	N4NMC	147.070 +	T151.4	☺
#LOUISVILLE	KA4KMT	147.120 +	UNCOR	
LOUISVILLE	W4CN	147.180 +		☺
LOUISVILLE	WB4EJK	147.270 +	151.4	
LOUISVILLE	KQ9Z	147.360 +		
LOUISVILLE AREA	N4RBL	145.130 -	T151.4	
LYNN GROVE	KA4BLZ	146.895 -	T210.7	
MADISON CO RACES	KD4PWK	146.865 -		☺
MADISONVILLE	KC4FRA	146.610 -		
MAYSVILLE	WA4WMM	145.470 -		☺
MIDDLESBORO	W4PPM	146.775 -		
MILLARD	KD4RTR	146.745 -	T141.3	
MONTICELLO	N4TLK	145.150 -		☺
MONTICELLO	N4TPL	147.375 +	T100.0	
MOREHEAD	KJ4VF	145.130 -		☺
MOREHEAD	K4GFY	146.910 -	T123.0	
MT. STERLING	WD4KNE	147.330 +		
MURRAY	K4MSU	146.940 -		☺
NANCY	KA4UHL	146.790 -	T100.0	☺
#NEBO	AA4NI	146.730 -	UNCOR	
#NICHOLASVILLE	WB4LBI	146.990 -	UNCOR	
OWENSBORO	K4DC	146.685 -		☺
OWENSBORO	KM4OF	146.865 -		
OWENSBORO	K4HY	147.210 +		
OWINGSVILLE	N4TLP	147.075 +		
PADUCAH	K4CUW	146.655 -	T	☺
PADUCAH	K4CUW	146.760 -		☺
#PADUCAH	W4NJA	147.060 +	UNCOR	☺
PAINTSVILLE	N4KJU	145.270 -	T	☺
....				
PARIS	KE4OOS	147.045 +	PROP	
PHELPS	KJ4YK	147.090 +		☺
PIKEVILLE	AD4BI	145.150 -		
PIKEVILLE	KM4IV	146.850 -		
#PINEVILLE	WA4YZY	146.640 -	UNCOR	
PRESTONSBURG	WB4UBY	147.165 +		
PRINCETON	W4KBL	146.670 -		
RADCLIFF	AI4HB	145.350 -	T173.8	☺
RADCLIFF	W4BEJ	146.925 -		☺
RICHMOND	KE4YVD	145.370 -	T192.8	
ROCKPORT	KD4BOH	145.270 -		
SALEM	KC4VXR	147.315 +		☺
SALVISA	KC4ZOX	146.835 -	T192.8	☺
SALYERSVILLE	KB4SQI	145.190 -	T127.3	☺
SHELBYVILLE	KE4LR	147.000 +		☺
SO. PORTSMOUTH	WD8IFH	145.390 -	T	
SOMERSET	KA4UHL	146.880 -		☺
SPRINGFIELD	WA4SJH	147.300 +		
ST. CHARLES	KD4ETF	147.270 +		
STANTON	N4VOS	145.290 -		
STANTON	W8PRH	146.970 -		☺
STINETT	KF4TLT	147.345 +	PROP	☺
TOMPKINSVILLE	KJ4OG	146.775 -		☺
VANCEBURG	AE4SK	146.775 -		☺
VERSAILLES	KF4INN	145.330 -		
WADDY	KS4TO	146.910 -	T	☺
WALTON	K4CO	147.375 +		☺
WEBSTER	K4ULW	146.625 -	T151.4	☺
WILLIAMSBURG	KD4DAX	145.350 -		
WILLIAMSBURG	KG4M	147.000 +		
WINCHESTER	WB4ASZ	147.120 +		☺

220 MHZ

ASHLAND	KF4DTJ	223.940 -		☺
IRVINE	AD4RU	224.940 -		
LANCASTER	KD4RXF	224.560 -		☺
LEXINGTON	AC4AO	224.420 -		
LEXINGTON	KR4BD	224.800 -		☺
LOUISVILLE	KA4MKT	224.300 -		
LOUISVILLE AREA	N4RBL	224.700 -	T151.4	
MIDDLESBORO	WM4MD	224.120 -	T82.5	
NANCY	KA4UHL	224.100 -	T100.0	☺
PIKEVILLE	KD4DAR	224.620 -		☺
SHEPHERDSVILLE	N4FND	224.500 -	PROP	☺
SOMERSET	N4AI	224.300 -		☺
SOMERSET	N4AI	224.880 -		☺
VERSAILLES	AD4CR	224.220 -		

440 MHZ

ALLEN	N4IWZ	444.775 +	T123.0	☺
ASHLAND	KF4DTJ	444.975 +		☺
BAGDAD	WB4PQJ	443.850 +	PROP	
BEATTYVILLE	KC4UPE	444.825 +	T	☺
BOWLING GREEN	W4WSM	444.100 +		☺
BOWLING GREEN	N5KOL	444.700 +	T136.5	☺
CANE VALLEY	KC4TX	443.950 +	T	☺
CORBIN	WB4IVB	444.900 +	T100.0	
COX'S CREEK	AE4NU	443.450 +	T151.4	☺
DAVID	KC4KZT	443.900 +	T167.9	☺
DAWSON SPRINGS	KE4SZI	444.275 +		☺
DEANE	N4LGT	444.425 +		☺
DORTON	KD4RTR	442.150 +		☺
DORTON	KJ4VF	443.250 +		☺
ELIZABETHTOWN	W4BEJ	444.800 +		☺
FLORENCE	KC4COV	443.475 +	T192.8	☺
FLORENCE	KC4COV	444.175 +	T192.8	☺
FORT WRIGHT	KC4KMV	442.525 +	T123.0	☺
FOSTER	KU4ML	443.125 +	PROP	
FRANKFORT	K4NGQ	442.175 +	T67.0	☺
#FRANKFORT	K4NGQ	442.275 +	UNCOR	☺
FRANKLIN	KD4TAH	443.225 +		
GILBERTSVILLE	W2HR	442.850 +	T103.5	☺
GLASGOW	KY4X	444.925 +		☺
GLASGOW/CVCTY	KF4DC	444.250 +		
GRAEFENBURG	N4HZX	443.550 +		☺
GRETHEL	KJ4VF	444.525 +		☺
HAWESVILLE	KB4QFL	444.625 +		
HAZARD	KE4BHZ	443.975 +	T103.5	
HENDERSON	KY4K	444.725 +	T203.5	☺
HIGHLAND HEIGHTS	W4YWH	444.900 +		☺
HOPKINSVILLE	KE4AIF	444.750 +	T103.5	☺
INDEPENDENCE	KB8SBN	444.075 +	T110.9	☺
IRVINE	W4AIA	442.900 +		☺
IRVINE	AD4RU	444.000 +		
LATONIA	AA4XV	442.400 +	T	
LAWRENCEBURG	N4EQT	443.325 +		☺
LEWISPORT	K4DC	444.550 +		☺
LEXINGTON	KD4ADJ	442.050 +		
LEXINGTON	KE4OOL	443.025 +	T123.0	☺
LEXINGTON	KC4ZY	444.125 +		
LEXINGTON	KC4DUU	444.550 +		☺
LEXINGTON	KE4ISR	444.725 +	T	
LEXINGTON	N4DUE	444.950 +		☺
LOUISVILLE	N4ORL	442.000 +		
LOUISVILLE	KB4RYM	442.500 +		
LOUISVILLE	WD4ELX	442.550 +		
LOUISVILLE	KB4YJ	442.725 +	T151.4	
LOUISVILLE	WD9EQC	443.500 +		
LOUISVILLE	N4UL	444.100 +	T173.8	☺
LOUISVILLE	N4NMC	444.600 +	T151.4	☺
LOUISVILLE AREA	N4RBL	442.100 +	T	
LOUISVILLE AREA	KD4CLR	442.450 +	T151.4	☺
LOUISVILLE SW	K4ULW	443.350 +	T118.8	☺
MADISONVILLE	KC4FIE	442.425 +		☺
MADISONVILLE	AE4LW	442.575 +	T100.0	☺
MADISONVILLE	KC4FIE	442.775 +		☺
MADISONVILLE	KC4FIE	444.600 +		☺
MAMMOTH CAVE	KF4QZN	444.475 +	T179.9	☺
MARION	KR4PF	444.200 +	T100.0	☺
MAYSVILLE	KF4BRO	443.500 +	T123.0	☺
META	WB4UBY	443.500 +		
MIDDLESBORO	WM4MD	442.325 +	T67.0	
MIDDLESBORO	WB4IVB	444.150 +	T100.0	☺
MILLARD	KD4RTR	443.425 +		☺
MONTICELLO	N4TPL	443.400 +	T100.0	
MONTICELLO	WB9SHH	444.750 +		☺
MOREHEAD	K4GFY	442.500 +		
MT STERLING	KD4ADJ	442.600 +		
MURRAY	K4MSU	443.800 +	T114.8	☺
NANCY	KA4UHL	443.600 +	T100.0	☺
NEBO	AA4NI	444.850 +		
NICHOLASVILLE	KC4UPE	444.775 +	T167.9	☺
NICHOLASVILLE	WB4CWF	444.975 +		
OLIVE HILL	KO4LI	444.925 +		
OWENSBORO	K4DC	443.100 +		☺
OWENSBORO	KE4RNM	443.650 +	T203.5	☺
PHELPS	N4MVY	444.575 +		☺
PIKEVILLE	KD4DAR	444.375 +		☺
PIKEVILLE	AD4BI	444.475 +		
PRESTONSBURG	WB4KUC	444.200 +		
ROBINSON CREEK	KC4VYX	444.675 +		☺
ROCKPORT	KD4BOH	442.675 +		
ROCKPORT	KD4BOH	444.075 +	T77.0	
SALEM	KC4VXR	444.825 +	T100.0	☺
SALVISA	KF4AWA	444.675 +	T203.5	☺
SALVISA	KC4UPE	444.875 +	T167.9	☺
SALYERSVILLE	KE4NLL	444.050 +	T	☺
SHELBYVILLE	KE4YRE	442.375 +		☺
SHEPARDSVILLE	KD4YGK	444.400 +	T203.5	☺
SIMPSONVILLE	KO4OT	444.450 +		☺
SPRINGFIELD	WA4SJH	444.600 +		
STANTON	N4VOS	442.075 +		
VERSAILLES	KF4INN	443.775 +		
WADDY	KS4TO	443.225 +		☺
WALTON	K4CO	444.350 +		☺

ATV REPEATERS

BOWLING GREEN	W4HTB	1280.000-		☺
BOWLING GREEN	W4HTB	426.250 +		☺

MISSISSIPPI

ELIZABETHTOWN	W4BEJ	421.250 +		☺

10 METERS

POPLARVILLE	WA5WRE	29.620 -		

6 METERS

BYHALIA	N4DRL	53.270 -	T	
ELLISVILLE	N5EKR	53.010 -		

2 METERS

ABERDEEN	WB5USN	147.270 +		☺
ACKERMAN	NO5N	147.120 +		
AMORY	KB5DWX	146.940 -	T192.8	
AMORY	KB5DSN	147.090 +		
BAY ST. LOUIS	WB4FUR	146.700 -		
BILOXI	KC5IF	146.730 -		
BOONEVILLE	K5YD	145.190 -		☺
BOONEVILLE	KI5WI	147.150 +		☺
BUDE	K5JMD	146.850 -	T103.5	☺
BYHALIA	N4DRL	145.330 -		
BYHALIA	N4DRL	147.225 +		
COLLINS	N5LRQ	146.985 -	T136.5	☺
CORINTH	WB5VOJ	146.925 -	T107.2	
CORINTH	K5UFH	147.000 -		
CORINTH	KB5TGA	147.285 +		
D'IBERVILLE	KC5IF	145.410 -		
ELLISVILLE	N5EKR	146.955 -		
ELLISVILLE	N5DWU	146.835 +	T	
ELLISVILLE	N5DWU	146.865 +	T136.5	☺
ELLISVILLE	N5DWU	146.895 +	T136.5	☺
FOREST	KC5QHP	147.390 +	T100.0	☺
GLOSTER	KA5BEE	145.430 -	T136.5	
GREENVILLE	KG5SF	147.345 +		☺
GRENADA	W5LV	146.700 -		☺
GULFPORT	KK5RK	145.330 -		
GULFPORT	KA5VFU	147.375 +		☺
HATTIESBURG	W5CJR	145.190 -	T136.5	☺
HATTIESBURG	KA5NNX	145.370 -		
HATTIESBURG	W5CJR	146.775 -	T136.5	☺
HATTIESBURG	W5CJR	147.360 +		☺
HERNANDO	K5VV	146.910 -		
JACKSON	KB5KGE	145.390 -		
JACKSON	W5AXQ	146.760 -		☺
JACKSON	K5QNE	146.880 -	T100.0	☺
JACKSON	KA5SBK	146.940 -	T100.0	
JACKSON	W5IQ	147.000 +	T	☺
JACKSON	NC5Y	147.075 +	T	
LAUREL	KC5KPP	146.610 -		☺
LAUREL	KC5RC	147.255 +		
LOUISVILLE	KC5QGC	147.360 +		
MADISON	KB5RZP	146.640 -		☺
MAGEE	K5HYE	146.820 -		☺
MAGEE	KA5LNY	147.300 +		☺
MCCOMB	K5JMD	146.940 -	T	☺
MCHENRY	KK5RK	147.330 +		
MENDENHALL	K5HYE	145.110 -	T100.0	☺
MENDENHALL	KB5IKR	145.210 -	T100.0	
MERIDIAN	N5DWU	145.410 -	PROP	
MERIDIAN	W5FQ	146.700 -		☺
MONTICELLO	N5JHK	147.015 +		
MOOREVILLE	WB5NAY	146.640 -		☺
NATCHEZ	W5KHB	146.685 -		
NATCHEZ	K5OCM	146.910 -		
NATCHEZ	K5SVC	147.360 +		
NEW ALBANY	K5DGL	146.670 -		☺
NEW HEBRON	N5MRS	147.090 +	T	☺
OCEAN SPRINGS	W5LDD	147.030 +		☺
OKOLONA	KC5NIX	145.110 -		
OLIVE BRANCH	KA5WMH	145.350 -		
OXFORD	KC5KLW	145.290 -	PROP	
OXFORD	NU50	145.470 -	T107.2	☺
PASCAGOULA	W5WA	145.110 -	T123.0	☺
PASCAGOULA	N5PH	146.970 -	T	☺
PEARL/RANKIN CO	KF5IZ	147.150 +	T88.5	
PETAL	N5DWU	145.170 -	T136.5	☺
PHILADELPHIA	N5EPP	147.330 +		
PICAYUNE	K5LFP	145.150 -		☺
PICAYUNE	K5LFP	147.180 +		☺
POLKVILLE	KB5LCL	147.045 +	T141.3	
PURVIS	KB5ZCX	146.670 -		
RICHTON	N5DWU	145.490 -	PROP	
RICHTON	N5OCF	147.060 +		
SENATOBIA	KB5DMT	146.985 -	T	
SHARON	N5ZQC	145.450 -	T100.0	
SOUTHAVEN	N5PYQ	145.370 -	T107.2	
STARKVILLE	W5VZF	146.730 -		
SUMRALL	KA5FYW	147.195 +		
TUPELO	N5VGK	145.490 -		
TUPELO	N5ELS	147.240 +		
UNION	N5SPJ	147.210 +	T100.0	
UTICA	N5ZMZ	145.350 -		☺
UTICA	N5ZMZ	147.345 +		☺
VICKSBURG	WJ5L	145.290 -		☺
VICKSBURG	KJ5OB	146.805 -		
VICKSBURG	K5ZRO	147.270 +	T100.0	☺
VOSSBURG	N5DWU	146.925 -	PROP	
VOSSBURG	KB5UIX	147.135 +	T	
WALLS	N5NBG	145.270 -	T162.2	

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

MISSISSIPPI REPEATERS CONTINUE

WAYNESBORO	KI5WK	146.925 -	T136.5	
WAYNESBORO	KB5SAR	147.105 +		☺
WAYNESBORO	N5DWU	147.315 +		☺
WEST POINT	KC5LIO	147.180 +		☺
WIGGINS	KB5DZJ	145.270 -	T136.5	☺
WINONA	N5EYM	146.970 -		

220 MHZ

BYHALIA	N4DRL	224.500 -		
ELLISVILLE	N5EKR	224.400 -	PROP	
VICKSBURG	WB5OWY	224.780 -		
WARSAW	N4DRL	224.880 -		
WAYNESBORO	KB5SAR	224.140 -		☺

440 MHZ

AMORY	KB5DSN	444.825 +		
BILOXI	W5OXA	443.925 +		
BYHALIA	N4DRL	444.300 +		
CLERMONT HARBR	WD5BJT	444.150 +		
CLINTON	KG5YV	444.000 +	T100.0	☺
COLUMBUS	KB5ZZC	444.325 +	PROP	
DERBY	KB5OXE	443.975 +	PROP	
ELLISVILLE	N5DWU	442.200 +	T167.9	☺
ELLISVILLE	N5DWU	442.250 +	T167.9	☺
ELLISVILLE	N5DWU	442.325 +	T	☺
GLOSTER	N5ZNS	443.825 +		
GREENVILLE	N5PS	444.675 +		
GULFPORT	KK5RK	444.250 +		
HATTIESBURG	W5CJR	443.700 +	T136.5	☺
HAZLEHURST	N5ZDF	443.950 +	T100.0	
HEIDELBERG	KC5RC	444.300 +	T100.0	
HICKORY FLAT	W4ZCD	444.725 +	T179.9	
JACKSON	KB5KGE	444.325 +		
JACKSON	KB5LCL	444.450 +	T141.3	
JACKSON	KB5CO	444.600 +	T100.0	☺
JACKSON	NC5Y	444.700 +		
JACKSON	KB5CO	444.800 +		
LAUREL	AJ0X	443.500 +		☺
MCCOMB	N5HTQ	444.875 +	T100.0	
MCHENRY	KK5RK	444.750 +		
MENDENHALL	K5HYE	443.600 +		☺
MONTICELLO	N5DWU	442.075 +	PROP	
NEW ALBANY	WB5YCR	444.150 +		☺
NEW HEBRON	N5NNI	444.525 +	T	
PEARL	KB5HAV	444.375 +	T88.5	
PETAL	W5PAW	443.350 +	T	☺
PICAYUNE	KE5LT	443.725 +	T179.9	☺
PINOLA	KC5LXF	444.850 +		
PORT GIBSON	KC5CLM	444.575 +	T141.3	☺
RICHTON	N5OCF	444.625 +		
ROSE HILL	KB5ZCX	442.875 +	PROP	
SOUTHAVEN	N5PYQ	444.925 +	T107.2	
STARKVILLE	W5VZF	444.750 +		
STENNIS SPC CEN	WB4FUR	444.650 +		
TUPELO	N5VGK	444.950 +	T192.8	
VICKSBURG	WB5TTE	444.925 +		
VOSSBURG	N5LRQ	442.725 +	T167.9	☺
WALLS	N5NBG	444.650 +		
WAYNESBORO	KB5SAR	443.550 +		☺
WAYNESBORO	N5DWU	443.900 +	T167.9	☺
WEST POINT	N5WXD	443.450 +		☺
WIGGINS	KB5DZJ	443.300 +		☺

ATV REPEATERS

GAUTIER	KA5NOJ	426.250 +		
GAUTIER	KA5NOJ	911.250 -		

NORTH CAROLINA

10 METERS

NEWPORT	K4GRW	29.660 -	PROP	
THOMASVILLE	WW4DC	29.680 -	88.5	☺
WAKE FOREST	AE4XJ	29.640 -	PROP	
WENDELL	WB4IUY	29.620 -		
WILKESBORO	KC4XE	29.620 -		☺

6 METERS

ASHEVILLE	N4OOC	53.470 -	PROP	
BARIUM SPRINGS	WA4WRS	53.670 -	PROP	☺
CHAPEL HILL	W4UNC	53.450 -	T	☺
CLINTON	N4ZHC	53.330 -		☺
EFLAND	WA1YYN	53.410 -	T107.2	☺
FAYETTEVILLE	W4EBM	53.810 -		☺
GASTONIA/CRWDR	N4XTF	53.110 -		☺
#GRANDFATHER MT	WA4PXV	53.050 -	UNCOR	
HENDERSONVILLE	WA4FOT	53.130 -	T131.8	☺
LUMBERTON	KD4BGD	53.110 -	PROP	☺
MARS HILL	WB4PLA	53.090 -		
MARSHALL	KD4GEU	53.270 -	PROP	
MT AIRY/FANCY GAP	KD4FWS	53.970 -	PROP	
MT.AIRY/FANCY GAP	KD4FWS	53.070 -	T100.0	
MT MITCHELL	KD4LBU	53.630 -	T100.0	☺
NEWPORT	K4GRW	53.010 -	PROP	
PITTSBORO	KD4JFN	53.230 -	T107.2	☺
RALEIGH	WA4PEN	53.250 -		☺
#RANLO	KC4YOZ	53.390 -	UNCOR	☺
REELSBORO	KF4IXW	53.090 -	T162.2	☺
ROCKY MOUNT	N4JEH	53.050 -		☺
ROCKY MOUNT	KC4SBJ	53.650 -	PROP	
SOPHIA/RANDELMN	WR4BEG	53.350 -		☺
THOMASVILLE	KE4QOX	53.010 -	T88.5	☺
THOMASVILLE	WW4DC	53.170 -	88.5	☺
THOMASVILLE	WW4DC	52.525 +	T88.5	☺
WENDELL	WB4IUY	53.070 -	PROP	
#WEST JEFFERSON	WA4PXV	53.750 -	UNCOR	
WILMINGTON	AD4DN	53.430 -	T88.5	☺
YOUNGSVILLE	KD4MYE	53.370 -	T88.5	☺

2 METERS

AHOSKIE	WA4ZGQ	146.910 -	T131.8	☺
ALBEMARLE	K4OGB	146.985 -		☺
ANDRWS/ROBNSVL	K4AIH	147.045 -	T151.4	☺
ANDSN MT/DENVER	K4ZO	145.170 -		☺
AQUADALE	WA4CHZ	147.390 +		☺
ASHEBORO	KJ4AV	147.255 +		☺
#ASHEVILLE	WB4PLA	146.835 -	UNCOR	
ASHVL/MT PISGAH	WA4BVW	146.760 -		☺
ASHVL/SPIVEY MT	W4MOE	146.910 -		☺
BAKERSVILLE	KC4WPM	145.310 -		
BANNER ELK/SUGAR	N4WET	146.625 -		☺
BEULAVILLE	N4VBH	145.230 -		☺
BOONE/RICH MTN	WA4J	147.360 +		☺
BREVARD	KE4ZIS	147.135 +		☺
BROADWAY	K4ITL	147.105 +		
BURGAW	W4DLH	146.940 -		☺
BURLINGTON	K4FHB	146.670 -		☺
BURNSVILLE	KD4WAR	146.955 -		
BURNSVILLE	KD4WAR	147.375 +		
BUTNER	WA4IZG	146.940 -	T156.7	
BUXTON	K4USB	146.625 -	131.8	☺
CANTON	W4DJB	146.805 +		☺
CARTHAGE	W2SE	147.240 +		☺
CHAPEL HILL	W4UNC	145.230 -	T131.8	☺
CHARLOTTE	W4BFB	145.230 -		☺
CHARLOTTE	W4BFB	145.290 -		☺
CHARLOTTE	WA4AOS	145.350 -		☺
CHARLOTTE	W4BFB	146.940 -		☺
CHARLOTTE	W4CQ	147.060 -		☺
CHARLOTTE	W4CQ	147.270 +		☺
CLAYTON	KO4XC	145.290 -	T	☺
CLAYTON	WB4IUY	147.390 +	T88.5	
CLINTON	K4OAR	146.790 -		☺
COINJOCK	WN3X	145.290 -	PROP	
COLUMBIA	KB4TOH	145.110 -	T131.8	☺
CONCORD/KANNAP.	K4CEB	146.655 -		☺
#COOL SPRINGS	KC4DBZ	147.045 +	UNCOR	☺
CROSSNORE	KD4GLB	146.700 -		
DUNN	N4CID	146.700 -		☺
DURHAM	WR4AGC	145.450 -		☺
DURHAM	WD4LDB	147.360 +		☺
EFLAND	WA1YYN	147.180 +	T156.7	☺
ELIZABETH CITY	WA4VTX	146.655 -		☺
ELM CITY	K2IMO	145.150 -	T88.5	
FARMVILLE	K4ROK	145.270 -	T131.8	
#FAYETTEVILLE	N4EWG	146.805 -	UNCOR	
FAYVLLE/CFARS	WB4YZF	146.910 -	100	☺
FAYVLLE/FT BRAGG	W4LPL	147.330 +		☺
FOREST CITY	WA4BKU	146.670 -		☺
FOREST CITY	W4SIJ	147.240 +	T123.0	☺
FRANKLIN	NT4K	145.490 -		
FRANKLIN	W4GHZ	147.240 +	T151.4	
GASTONIA/CRWDR	K4GNC	146.805 -		☺
GASTONIA/SPCR MT	W4REW	147.120 +		☺
#GIBSONVILLE	WB4IKY	145.490 -	UNCOR	
GOLDSBORO	KK4YP	145.330 -	T100.0	☺
GOLDSBORO	K4CYP	146.850 -	T	☺
GRAHAM	K4GWH	147.375 +	T114.8	☺
GREENSBORO	W4GSO	145.150 -		☺
GREENSBORO	K4SNI	146.610 -	T88.5	☺
GREENSBORO	K4GWH	146.760 -	T88.5	☺
GREENSBORO	W4GG	147.030 +	T131.8	☺
GREENSBORO	W4BUZ	147.210 +		
GREENSBORO/LVLX	N4GGD	145.250 -		☺
GREENSBRO/UNCG	N4GGD	145.290 -		
GREENVILLE	WD4JPQ	145.350 -	T131.8	☺
#GREENVILLE	KC4UMO	147.375 +	UNCOR	
GREENVL/ESTN NC	W4GDF	147.090 +		☺
GRIFTON	W4NBR	146.685 -		☺
HATTERAS ISLAND	KE4ZTD	145.150 -	T131.8	☺
HAW RIVER	KD4JFN	146.715 -	T107.2	☺
HENDERSONVILLE	WB4YAO	146.640 -		☺
HENDERSONVILLE	WA4KNI	147.105 +		☺
HENDSVL/BERWLW	WA4KNI	145.270 -		☺
HENDSVL/PENIC/MT	WA4KNI	147.255 +		☺
HICKORY/BRT. MT	WA4DSZ	146.850 -		
HIGH PEAK MTN	K4OLC	145.210 -		☺
HIGH POINT	N4XO	145.410 -		☺
HIGH POINT	N4NNR	146.835 +		☺
HIGH POINT	KF4HFS	147.165 +		
HILLSBOROUGH	WR4AGC	147.225 +		☺
JACKSONVILLE	KA4SQN	145.190 -		☺
JACKSONVILLE	WD4FVO	147.000 -		☺
JEFFERSON	KK4X	147.300 +	T103.5	☺
KANNAPOLIS	N4JEX	147.300 +	PROP	
#KINSTON	W4OIX	145.470 -	UNCOR	☺
LAURINBURG	KI4RR	146.625 -		☺
LELAND	N4CTJ	145.170 -		
#LENOIR	N4NIN	147.195 +	UNCOR	☺
LENOIR/HIBRITN	KN4K	147.330 +	T141.3	☺
LEXINGTON	WD4IIP	145.310 -	PROP	☺
LEXINGTON	K4IZM	146.910 -		☺
LINCOLNTON	KF4OGO	147.015 +		
#LUMBERTON	W4NHV	145.150 -	UNCOR	☺
LUMBERTON	W4NHV	147.045 +		☺
LUMBERTON	KD4PBK	147.165 +	T88.5	☺
LUMBERTON	W4PET	147.360 +		☺
MACO	WA4LED	147.060 +		☺
#MADISON	WA4IXW	147.345 +	UNCOR	☺
MANTEO/WANCHES	W4ACY	146.940 -		
MIDWAY	KM4AR	145.270 -	T77.0	☺
MILLERS CREEK	N4GGN	146.715 -		☺
MONROE/UCARS	N4ZVN	145.390 -		
MORGANTON	K4VLY	147.150 +		☺
MOUNT AIRY	N4VRD	145.330 -	T100.0	☺
MOUNT AIRY	AC4NZ	146.940 -	T100.0	
MOUNT AIRY	N4XRY	146.970 -		
MT MITCHELL	WA4BVW	145.190 -		☺
MURPHY/STALCUP	KE4EUH	146.865 +	T151.4	☺
N. WILKESBORO	N4AGN	145.370 -		☺
NAGS HEAD/BODIE	W4PCN	146.835 -		
NEW BERN	WD4JMS	146.610 -	T100.0	☺
NEWPORT	K4GRW	145.450 -		
NEWTON	K4ZO	147.075 +	T71.9	☺
OXFORD	N4NCK	145.170 -		☺
OXFORD	N4NCK	145.370 -		☺
PITTSBORO	KD4JFN	147.075 +	T107.2	☺
RAEFORD	KU4W	145.430 -	118.8	☺
RALEIGH	W4ATC	145.130 -	T88.5	☺
RALEIGH	K4GWH	145.190 -	T156.7	
RALEIGH	K4BWC	145.490 -	T88.5	☺
RALEIGH	WB4TOP	146.610 -	T131.8	☺
RALEIGH	W4DW	146.640 -		☺
RALEIGH	K4BWC	146.730 -	T88.5	☺
RALEIGH	KD4RAA	146.775 -	T88.5	☺
RALEIGH	WB4TQD	146.880 -		☺
RALEIGH	KD4MYE	147.015 +		☺
RALEIGH	WB4TQD	147.150 +		☺
RALEIGH	KO4CW	147.195 +	T88.5	
RALEIGH BENSON	AK4H	147.270 +	T100.0	☺
RED SPRINGS	W4MZP	147.300 +		☺
REIDSVILLE	KE4YVP	146.850 -	T103.5	☺
ROANOKE RAPIDS	KB4DJT	147.030 +		☺
ROARING GAP	WB4PZA	146.820 -		☺
ROBBINSVILLE	KR4RR	145.110 -	T151.4	☺
ROCKINGHAM	K4RNC	146.955 -		☺
ROCKY MOUNT	W4DCG	146.805 -	T118.8	☺
ROCKY MOUNT	WN4Z	147.120 +		☺
ROSEBORO	K4ITL	145.390 -		
SALISBURY	W4EXU	146.730 -	T94.8	☺
SAURATOWN MT	W4NC	145.470 -	T100	☺
SAURATOWN MT	KK4AT	146.790 -	T107.2	
SAURATOWN MT	K4MPJ	147.315 +	T100.0	☺
SHALLOTTE	K4PPD	145.370 -		☺
SHALLOTTE	K4PPD	147.315 +		☺
SHALLOTTE	K4PPD	147.390 +		☺
SHELBY	W4NYR	146.880 -		
SHELBY	W4NYR	147.345 +		
SMITHFIELD	K4WGG	146.970 -		☺
SOUTHPORT	K4JYH	146.775 -		☺
SPARTA/GREEN MT	K4QFQ	145.430 -		☺
STATESVILLE	KE4WSX	146.685 -		☺
SWANSBORO	KO4S	146.760 -		☺
THOMASVILLE	WW4DC	147.000 +	T88.5	☺
TRENTON	WB4TQD	145.210 -		☺
TRYON	KF4JVI	145.330 -		☺
WADESBORO	W4USH	146.835 -		☺
WASHINGTON	WA4TEP	147.345 +		
WAXHAW	WA4ZRS	146.865 +		☺
WAYNESVILLE	N4SM	147.270 +		☺
WAYNESVILLE	KE4JMH	147.390 +		☺
WHITEVILLE	W4NTQ	147.210 +		☺
WILLIAMSTON	KA4KNU	145.410 -	T131.8	☺
WILMINGTON	AD4DN	146.670 -	T88.5	☺
WILMINGTON	W4VNK	146.730 -		☺
WILMINGTON	K4GMP	146.820 -	T88.5	☺
WILMINGTON	WA4US	147.135 +		☺
WILMINGTON	AC4RC	147.180 +	T88.5	☺
WILSON	WB4THL	146.760 -		
WILSON	WA4UQC	147.300 +	T88.5	
WINSTON-SALEM	W4NC	146.640 -	T100	☺
YADKINVILLE	N4YSB	147.015 -		☺
YOUNGSVILLE	KD4MYE	145.110 -	88.5	☺

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880 -	T	☺
ASHEVILLE	WB4PLA	224.600 -		
ASHVL/MT PISGAH	WA4BVW	224.260 -		☺
BARIUM SPRINGS	WA4WRS	224.300 -		☺
CANTON	N4DWU	224.820 -		☺
CHARLOTTE	W4BFB	224.400 -		☺
CHERRYVILLE	KC4ZTJ	224.960 -		
DUNCAN	KM4TC	224.700 -	PROP	
EDEN	WA4WGY	224.780 -	T103.5	☺
EFLAND	WA1YYN	224.660 -	T107.2	☺
FAYETTEVILLE	WB4YZF	224.560 -		☺
GOLDSBORO	AA3CH	224.960 -	T156.7	
GREENSBORO	WR4BEG	224.140 -		☺
GREENSBORO	WB4GUG	224.440 -	T107.2	☺
GREENSBORO	AD4BX	224.820 -		
GREENSBORO	N4QVI	224.960 -		☺
GRIFTON	WA4DAN	224.840 -		☺
#GRIMESLAND	WB4PAC	224.360 -	UNCOR	☺
HAW RIVER	KD4JFN	224.620 -	T107.2	☺
HENDSVL/BERWLW	WA4KNI	224.240 -		☺
HIGH POINT	KC4KUL	224.600 -		☺
HILLSBOROUGH	WR4AGC	224.260 -		☺
JACKSONVILLE	KA4SQN	224.320 -		☺
LENOIR/HIBRITN	KN4K	224.160 -		☺
LEXINGTON	KR4HJ	224.520 -	PROP	
LOCUST	W4DEX	224.480 -		☺
MARS HILL	WB4PLA	224.660 -		
MARSHALL	KA4TYO	224.360 -	T	
MT MITCHELL	WA4BVW	224.540 -		☺
OXFORD	N4NCK	224.740 -		☺
PLYMOUTH	KB7BTU	224.760 -	PROP	

SYMBOLS: ☺ = Full Member SERA T = Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

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N. CAROLINA REPEATERS CONTINUE

RALEIGH	WA4PEN	224.640 -		☺
ROCKY MOUNT	NF4C	224.220 -		☺
ROCKY MOUNT	KR4AA	224.580 -		☺
SALISBURY	W4EXU	224.760 -		☺
SHELBY	W4NYR	224.060 -		
SHELBY	KC4ZTJ	224.460 -		
SUNSET BEACH	N4LV	224.660 -		☺
THOMASVILLE	WW4DC	224.340 -	T88.5	☺
TRENTON	WA4DAN	224.720 -		☺
WENDELL	KD4WJD	224.800 -	T88.5	
WILMINGTON	WA4US	224.200 -	T	☺
WILMINGTON	K4YNY	224.500 -	T88.5	
WILMINGTON	WB4KPF	224.680 -		☺
#WINSTON-SALEM	WA4RQF	224.580 -	UNCOR	☺
WINSTON-SALEM	WA4RQF	224.640 -		☺

440 MHZ

ANDRWS/ROBINSVL	WD4NWV	442.600 +	T151.4	☺
ANDRWS/ROBINSVL	K4AIH	443.650 +	T	☺
ARCHDALE	KC4SVQ	443.300 +		
ASHEBORO	WD4ICX	442.325 +		
ASHEBORO	KQ4ML	444.975 +		☺
#ASHEVILLE	KE4VMN	442.025 +	UNCOR	
ASHEVILLE	KD4GEU	442.650 +		
ASHEVILLE	N4DWT	444.900 +		
AUBURN	N4ZCM	442.275 +		
BAKERSVILLE	KM4GR	442.750 +		
BREVARD	KA7JXU	442.850 +		☺
BURLINGTON	WB4IKY	443.025 +	T107.2	
BURNSVILLE	KD4WAR	443.650 +		
CANTON	KE4UIU	443.475 +	T156.7	
CARY	KD4RAA	442.675 +	T100.0	☺
CHAPEL HILL	W4UNC	442.150 +	T	☺
#CHAPEL HILL	W4UNC	443.475 +	UNCOR	☺
CHARLOTTE	W4CQ	444.450 +		☺
CHARLOTTE	W4BFB	444.600 +	T100.0	☺
CHARLOTTE	W4WBT	444.675 +		☺
CHARLOTTE	W4CQ	444.850 +		☺
CLINTON	N4ZHC	441.700 +	T131.8	☺
COLFAX	KS4SB	442.200 +	PROP	
COLUMBIA	KB4TOH	443.300 +		☺
CRAB CREEK TWP	KB4PQA	443.125 +		☺
DALLAS/CHARLOTTE	WA1WXL	444.950 +	T136.5	☺
DALLAS/CLT	KC4YOZ	443.850 +	T100.0	☺
DURHAM	WR4AGC	444.100 +		☺
EDEN	WA4WGY	443.975 +		☺
EFLAND	WA1YYN	442.050 +	T107.2	☺
#ELIZABETH CITY	WA4VTX	444.300 +	UNCOR	☺
FAYETTEVILLE	WB4YZF	444.400 +	100HZ	☺
FLATTOP MNT/AVL	N4OOC	444.475 +		
FOREST CITY	KC4YOQ	444.400 +		☺
G'BORO/H'POINT	WD4PQZ	443.500 +	T77.0	
GASTONIA/CRWDR	KC4ZTI	443.750 +		
GASTONIA/CRWDR	KE4GTM	444.150 +		☺
GASTONIA/CRWDR	KC4YOT	444.750 +		☺
GASTONIA/SPCR MT	WB4VTE	444.550 +		☺
GIBSONVILLE	WB4IKY	444.350 +	T107.2	
GOLDSBORO	AA3CH	443.050 +	T156.7	
GRAHAM	K4GWH	443.725 +	T156.7	☺
GRAINGERS	WD6GMQ	443.250 +		☺
#GRANDFATHER MT	WA4PXV	443.575 +	UNCOR	
GRANTSBORO	KR4LO	444.350 +		☺
GREENSBORO	WG4R	442.725 +		☺
GREENSBORO	KD4DNY	443.650 +		☺
GREENSBORO	K4GWH	444.225 +	T146.2	☺
GREENSBORO	KD4DNY	444.475 +	107.2	☺
GREENVILLE	WB4PMQ	444.800 +	T131.8	☺
#HAMLET	W4DEX	443.200 +	UNCOR	☺
HATTERAS ISLAND	KE4ZTD	444.925 +	T131.8	☺
HAW RIVER	KD4JFN	443.775 +	T107.2	☺
HENDSVL/BERWLW	WA4KNI	444.250 +		☺
HIGH POINT	KF4HFS	443.900 +		
HIGH POINT	KD4JFN	444.025 +	T107.2	☺
#JACKSONVILLE	KE4JDP	444.675 +	UNCOR	☺
KANNAPOLIS	N4JEX	443.250 +		
KANNAPOLIS	N4JEX	443.350 +	PROP	
#KING/SAURATOWN	KE4QEA	444.200 +	UNCOR	☺
KINSTON	N4HAJ	444.575 +	T88.5	☺
KVILLE/H POINT	KE4QOX	443.700 +	T103.5	☺
LAKE GASTON	KF5TU	442.350 +	T100.HZ	☺
LENOIR/CAJAH MTN	N4EUX	443.525 +		☺
LEXINGTON	N4TZD	442.425 +	T	☺
LEXINGTON	K4AE	442.925 +	T	☺
LEXINGTON	WD4ICX	444.500 +		
LINCOLNTON	WA4YGD	442.350 +		☺
LOCUST	WA4LBT	443.700 +		☺
LUMBERTON	WB4DVN	444.625 +		
LUMBERTON	KD4BGD	444.700 +	T114.8	☺
MCLEANSVILLE	WB4GUG	444.125 +	T	☺
MIDDLESEX	NE4J	444.650 +	T179.9	
MONROE	N4ZVN	444.425 +	T94.8	
MORGANTON	KC4QZL	443.800 +	T	☺
MOUNT AIRY	N4XRY	444.925 +		
MT AIRY/FSH PK	KF4UY	444.825 +	T100.0	☺
MT MITCHELL	N4DWU	443.600 +		☺
NEW BERN	WD4JMS	444.900 +	T100.0	☺
#NEWPORT CCARS	W4YMI	444.975 +	UNCOR	☺
NEWTON	KE4KIV	442.625 +		
NEWTON	K4ZO	444.075 +		☺
OLD FORT	AF4CI	444.775 +		
OXFORD	KC4WXA	444.600 +		
PIKEVILLE	KK4YP	443.000 +	PROP	☺
PINEY KNOB	KC4KPW	443.875 +	T103.5	☺
PITTSBORO	K1BUD	442.550 +	T	☺
PITTSBORO	KD4JFN	444.750 +	T107.2	☺
POLKVILLE	KC4ZTJ	444.975 +		
RALEIGH	N4LMR	442.450 +		
RALEIGH	WA4NNA	443.125 +		☺
RALEIGH	N4ZCM	443.225 +	T	
RALEIGH	W1IFL	443.375 +		☺
RALEIGH	K4HA	443.575 +	PROP	☺
RALEIGH	WA4PEN	444.525 +	T88.5	☺
RALEIGH	W4ATC	444.775 +		
RALEIGH	K4GWH	444.825 +	T146.2	
RALEIGH	KD4RAA	444.875 +	T162.2	☺
RALEIGH	W4DW	444.950 +		☺
REIDSVILLE	K4YEC	444.800 +	T107.2	
RES. TRIANGLE PK	WA1YYN	443.425 +	T156.7	
RESEARCH TRI PK	KD4IHW	444.675 +		☺
ROANOKE RAPIDS	KK4VM	444.550 +	T192.8	☺
ROARING GAP	KC4XE	443.550 +		☺
ROCKY MOUNT	N4JEH	444.700 +		☺
ROUGEMNT/RED MT	WA4WTX	443.275 +		☺
RTP	W4EUS	443.625 +		
#SALISBURY	W4HG	443.150 +	UNCOR	
#SALISBURY	N4MME	444.650 +	UNCOR	☺
SANFORD	W4RNR	442.375 +		☺
SAURATOWN MT	WW4DC	443.100 +	T88.5	☺
SAURATOWN MT	WB4GUG	443.400 +	T107.2	☺
SELMA	KK4YP	444.000 +		☺
SOPHIA/RANDLEMN	WR4BEG	443.075 +		☺
SPINDALE	KC4IEV	443.300 +	T123.0	☺
SPIVEY'S CORNER	KD4DMS	442.875 +		
STATESVILLE	N4VOZ	443.450 +		
TARBORO	N4JEH	444.500 +	PROP	
TAYLORSVILLE	KF4CYI	442.950 +	T173.8	
TAYLORSVL/BARR M	K4OLC	444.050 +	PROP	☺
THOMASVILLE	WW4DC	442.900 +	T88.5	☺
WAYNESVILLE	KE4JMH	444.450 +		☺
WENDELL	KD4WJD	442.400 +		
WEST JEFFERSON	WA4PXV	442.375 +		
WHITAKER MTN	WA4QFV	444.325 +		
WILKESBORO	KE4DGP	442.475 +	T107.2	
#WILLIAMSTON	KA4KNU	444.350 +	UNCOR	☺
#WILMINGTON	WA4US	442.175 +	UNCOR	☺
WILMINGTON	WA4US	442.200 +	T	☺
WILMINGTON	K4YNY	442.500 +	T88.5	
WILMINGTON	AD4DN	443.400 +	T88.5	☺
WILMINGTON	WA4US	443.950 +		☺
WILMINGTON	WA4US	444.200 +		☺
WILMINGTON	WA4US	444.450 +		☺
WILMINGTON	WA4US	444.650 +		☺
WILMINGTON	K4GMP	444.850 +	T88.5	☺
WILSON	WB4IUY	442.300 +	PROP	
WILSON	NE4J	444.900 +	T179.9	
WINSTON-SALEM	W4NC	444.275 +		☺
WINSTON-SALEM	KQ4LO	444.725 +	T107.2	
#WINSTON-SALEM	WA4RQF	444.775 +	UNCOR	☺
YADKINVILLE	N4AAD	442.800 +	T100.0	☺
YOUNGSVILLE	KD2LH	443.200 +	T88.5	☺

1270 MHZ

GASTONIA/CRWDR	KE4GTM	1292.820-		☺
GREENSBORO	KB4SXY	1291.400-		☺

ATV REPEATERS

CHARLOTTE	W4PPN	421.250 +		
#CHARLOTTE	W4PPN	1253.250+	UNCOR	
DURHAM TV HILL	KJ4SO	421.250 +		☺
GREENSBORO	KO4AT	421.250 +		☺
#SHELBY	W4NYR	427.250 +	UNCOR	
WENDELL	WB4IUY	427.250 +	PROP	

SOUTH CAROLINA

BEACON

RKY RDG/WALLACE	W4APE	29.600 -		☺

10 METERS

SUMTER	KQ7E	29.660 -		

6 METERS

BLYTHEWOOD	N0WFL	53.010 -	PROP	
GILBERT	KC4GYM	53.270 -	T162.2	
GVL/CSR'S HEAD	KO4MZ	53.410 -	T131.8	☺
LITTLE MOUNTAIN	KN4AS	53.190 -	PROP	
MOUNTAIN REST	KF4IWA	53.590 -		
SUMTER	W4GL	53.770 -	PROP	

2 METERS

???	WB3AZH	146.970 -	PROP	
ADAMS RUN (CHAS)	N7GZT	147.345 +		☺
AIKEN	KY4S	145.170 -		
AIKEN	N4ADM	147.285 +		☺
ANDERSON	N4AW	146.970 -		☺
ANDERSON/SAS MT	N4AW	146.790 -		☺
AWENDAW	K4ESG	147.300 +	T103.5	
BAMBERG	WA4DFP	145.330 -		
BARNWELL	KF4CVO	147.030 +	T156.7	☺
BEAUFORT	KD4KOJ	145.310 -		☺
BEAUFORT	KD4KOJ	146.655 -		☺
BISHOPVILLE	W4APE	146.925 -		☺
BLYTHWOOD	N0WFL	147.000 -		
#CANADYS	WB4FOH	145.390 -	UNCOR	
CHARLESTON	WA4USN	145.250 -		☺
CHARLESTON	WA4USN	146.790 -		☺
CHARLESTON	KT4YW	146.835 -		☺
CHARLESTON AREA	W4ANK	147.270 +		☺
CHARLESTON AREA	W4ANK	147.345 +		☺
CHERAW	W4APE	145.490 -		☺
CHESTER	N4ROS	145.310 -	PROP	☺
CHESTER	AC4IP	146.625 -	T	
CHESTERFIELD	KF4GPE	147.135 +		☺
CLEMSON UNIVERSI	WD4EOG	145.450 -	T	
COLUMBIA	N0YVN	145.190 -	PROP	
COLUMBIA	KC4GYM	145.270 -	T127.3	
COLUMBIA	KF4GHC	147.330 +	T156.7	
DILLON/PEE DEE	NN4N	146.745 -		☺
EASTOVER	KT4BU	147.075 +	PROP	☺
ELLOREE	KC4WIF	146.610 -	T118.8	
FLORENCE	W4ULH	146.850 -		☺
FLORENCE	W4GEY	146.970 -		☺
FLORENCE	W4APE	147.195 +		☺
FORT JACKSON	KF4GHC	146.775 -	T156.7	
FORT MILL	WB4TWX	145.110 -		☺
#FORT MILL	W4WBT	145.150 -	UNCOR	☺
#FORT MILL	W4DXA	147.180 +	UNCOR	☺
GAFFNEY	KN4RG	145.470 -	T141.3	☺
GEORGETOWN	KI4CB	147.375 +	179.9	☺
GILBERT	KF4GHC	145.430 -	T156.7	
GREENVILLE	W4IQQ	146.940 -	T7	☺
GREENVILLE	K4LEO	147.375 +	T	
GREENWOOD	W4GWD	147.165 +	107.2	☺
GRNVLE/CSRS HD	W4NYK	146.610 -		☺
GRNVLE/PARIS MT	W4NYK	146.820 -		☺
HILTON HEAD	W4ILN	147.240 +	T	☺
INMAN	WD8OXE	145.150 -		
LANCASTER	W4PAX	146.700 -		☺
LANCASTER	AC4VT	147.240 +	T88.5	
LAURENS	KD4HLH	146.865 -	T107.2	☺
LEESVILLE	W4RRC	147.255 +	T123.0	☺
LEXINGTON	KE4VD	145.210 -		
LEXINGTON	KA4FEC	147.390 +		☺
LITTLE MT.	K4AVU	147.210 +		
MARION	W4YLT	147.000 -		
MONCKS CORNER	WD4NUN	147.150 +	T	☺
MT PLEASANT	K4ESG	146.760 -	T	
MYB BCH/BRKSVIL	N4LV	147.285 +		☺
MYR BCH/CONWAY	W4GS	145.110 -		☺
MYR BCH/CONWAY	KI4CB	145.470 -	T179.9	☺
MYRTLE BEACH	W4GS	147.120 +		☺
N. AUGUSTA	K4NAB	146.730 -		☺
#N. MYRTLE BEACH	K4NMB	147.030 +	UNCOR	☺
N. SPARTANBURG	N4UZT	147.315 +	T141.3	☺
NEWBERRY	KB4CO	146.685 -		
NO. COLUMBIA	KE4GUA	147.105 -	PROP	
ORANGEBURG	WM3O	146.805 -	T123.0	☺
#ORANGEBURG	WB4FOH	146.880 -	UNCOR	
ORANGEBURG	KF4ATU	147.090 +	T156.7	☺
PAGELAND	W4APE	146.895 -		☺
PICKENS	KF4FOF	146.700 -		
PICKENS	WB4YXZ	147.000 -		
ROCK HILL	K4YTZ	147.030 -		
SANTEE	W4DTW	147.225 +		☺
SENECA/LONG MT	WA4JRJ	147.270 +		
SIMPSONVILLE	WD4BJY	146.730 -		☺
SPARTANBURG	K4JLA	147.090 +		
ST. MATTHEWS	AD4U	146.670 -	T156.7	☺
SUMMERVILLE	WA4HNK	147.180 +		☺
SUMTER	K4JR	145.130 -		
SUMTER	W4GL	146.640 -		
SUMTER	W4GL	147.015 +	T156.7	
UNION	K4USC	145.250 -		☺
WHITE HALL	W4BWZ	146.910 -		☺
#WHITE OAK MTN	W4RCW	147.285 +	UNCOR	☺

220 MHZ

CHARLESTON	KA4NRL	224.180 -		
COLUMBIA	KC4GYM	224.560 -	PROP	
COLUMBIA	KC4SWI	224.640 -		
CROSS	KB4VFD	224.580 -		
FLORENCE	N4JJ	224.940 -		
GREENVILLE	W4ILY	224.200 -		☺
GRNVL/DOWNTWN	W4NYK	224.920 -	88.5	☺
LITTLE MTN	K4RWN	224.520 -		
ORANGEBURG	KO4BR	224.780 -		
PICKENS	WB4QHF	224.400 -	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140 -	T131.8	☺
PICKENS/SASFR MT	AJ4N	224.320 -		☺
SUMTER	W4GL	224.120 -		
SUMTER	K4GYR	224.860 -		
WEST SPRINGS	KN4CW	224.440 -		

440 MHZ

AIKEN	AC4WW	443.400 +	T107.2	☺
#BLUFFTON	WA4MPZ	442.675 +	UNCOR	☺
BLYTHEWOOD	N0YNV	444.000 +	PROP	
CHARLESTON	N4MNH	444.300 +		☺
CLEMSON UNIV.	WD4EOG	444.625 +	T156.7	
COLUMBIA	KC4GYM	442.075 +	T156.7	
COLUMBIA	KF4GHC	444.200 +	T156.7	
COWPENS	KE4EAN	443.625 +	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925 +	T103.5	
FORT MILL	WB4TWX	443.475 +		☺
GREENVILLE	KB4PQA	442.250 +		☺
GREENWOOD	W4GWD	443.900 +	T107.2	☺
GRNVLE/PARIS MT	ND4N	443.350 +		
KNIGHTSVILLE	WA4USN	441.350 +	PROP	
LANCASTER	KC4AC	444.100 +		
LAURENS	KD4HLH	443.175 +	T146.2	☺
LAURENS	KF4Y	443.775 +	T141.3	☺
LITTLE MT	NK4W	442.975 +	PROP	
MOUNTAIN REST	AE4PZ	442.775 +	T162.2	☺
MT. PLEASANT	WA4USN	441.450 +	PROP	
MYB BCH/BRKSVIL	N4LV	444.525 +		☺
MYR BCH/CONWAY	W4GS	444.675 +		☺
#MYRTLE BEACH	W4GS	444.575 +	UNCOR	☺

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

S. CAROLINA REPEATERS CONTINUE

NO. CHARLESTON	KT4YW	444.600 +		☺
ORANGEBURG	WM3O	444.975 +		☺
PICKENS	KF4FOF	442.125 +	PROP	
PICKENS/CSRS HD	WB4QHF	442.400 +	T127.3	☺
SIMPSONVILLE	KJ4BF	442.725 +		☺
SUMMERVILLE	KE2D	442.300 +	T	☺
SUMMERVILLE	WA4HNK	443.800 +		☺
SUMTER	W4GL	444.150 +	T123.0	
SUMTER	K4GYR	444.500 +		

1270 MHZ

BLYTHEWOOD	N0WFL	1292.000-	PROP	

ATV REPEATERS

GOOSE CREEK	N4CNN	421.250 +	PROP	
LEXINGTON	N4GUP	421.250 +		

TENNESSEE

BEACONS

GREENEVILLE	WB4NKM	222.058 -		

10 METERS

GALLATIN/BNA	W4CAT	29.640 -	T107.2	☺
GREENEVILLE	WB4NKM	29.640 -		
MEMPHIS	W4ZJM	29.620 -	T*#	☺
UNION CITY	WA4YGM	29.660 -		

6 METERS

COOKEVILLE	WA4UCE	53.190 -		
GALLITAN	WA4BGK	53.050 -	T114.8	☺
GRAY/HOLSTN MT	WD4SBX	53.010 -	PROP	
KINGSPORT	K4GX	53.430 -	PROP	
#KNOXVILLE	WA4YON	53.250 -	UNCOR	
KNOXVILLE	N4OQJ	53.550 -	T100.0	☺
KNXVL/ENG MT	WB4IOB	53.150 -		☺
MCNAIRY	NU5O	53.350 -	T107.2	☺
MEMPHIS	WA4KOG	53.010 -		
MEMPHIS	K4RDK	53.550 -		
MORRISTOWN	KF4FTD	53.030 -	PROP	
MORRISTOWN	KQ4E	53.230 -		
NASHVILLE	WA4BGK	53.010 -	T114.8	☺
NASHVILLE	N4ARK	145.210 -		☺
OAK RIDGE	WD4GYN	53.110 -		☺
ROAN MTN	KD4SQB	53.310 -		☺
#ROGERSVILLE	K4GX	53.750 -	UNCOR	☺

2 METERS

ALAMO	WB4EDS	147.135 +		
ANDERSON CTY	KF4BVQ	146.700 -	T100.0	☺
ARNOLD A.F.B.	KC4FV	147.195 +		☺
ATHENS	WA4PNI	145.310 -	T141.3	☺
ATOKA	KC4SBK	147.330 +		
BENTON	K4SIR	145.450 -	T	
BLOUNTVILLE	WA4CBX	147.000 +		☺
BOLIVAR	WD4OZN	147.045 +		☺
BRADEN	WA4KOG	145.490 -		
BRISTOL	W4UD	146.670 -		☺
BRISTOL/HLSTN MT	K4JP	146.760 -		
BROWNSVILLE	KB4YTU	145.430 -		
BROWNSVILLE	KD4AOK	146.655 -		☺
BRUCETON	KF4SCT	145.170 -	T107.2	☺
BUCKSNORT	KF4SCT	145.430 -	T107.2	☺
CARLISLE	KT4WS	145.250 -		☺
CARTHAGE	N4OTT	145.190 -		☺
CHATTANOOGA	K4CMY	145.130 -		☺
CHATTANOOGA	W4AM	145.290 -	T67.0	☺
CHATTANOOGA	W4AM	145.390 -		☺
CHATTANOOGA	W4AM	146.610 -		☺
CHATTANOOGA	W4AM	146.790 -		☺
CLARKSVILLE	WD4SGA	147.000 +		
#CLARKSVILLE	KF4L	147.390 +	UNCOR	☺
CLEVELAND	W4GZX	146.925 -		☺
CLEVELAND	KD4NEB	147.105 +	T88.5	
CLEVELAND	WD4DES	147.180 +	T118.8	☺
COLLEGEDALE	KA6UHV	147.000 +		☺
COLUMBIA	KF4ADU	147.120 +		☺
COOKEVILLE	NQ4Y	145.110 -		☺
COOKEVILLE	WA4UCE	145.430 -		
COOKEVILLE	N4WS	147.210 +		☺
CROSSVILLE	WB8EYJ	146.805 -	PROP	
CROSSVILLE	KF4DPU	146.865 -		☺
CUMBERLAND CITY	WD4DBJ	145.330 -	T	☺
CUMBERLAND CITY	WA4TLZ	146.925 -	T127.3	
DANDRIDGE	WD4EGD	146.895 -	T	☺
DAYTON	K4PHT	147.345 +		
DAYTON/RHEA CTY	K4DPD	147.390 +		☺
DECATUR-PONE KB	W4RJC	145.150 -		
DICKSON	KN4HL	147.375 +		☺
DOVER	N4VIH	145.410 -	T	☺
DRESDEN	KE4OVN	145.350 -	107.2	☺
DYERSBURG	WB4RCK	146.745 -		
ERWIN/PINNACLE	N4WXS	145.250 -	T	
ERWIN/UNICOI	KF4BRS	147.165 +		
EVA	AD4QG	147.090 +		
FAYETTEVILLE	W4BV	147.030 +		☺
FRANKLIN	W4XS	145.150 -		
FRUITLAND	KF4SCT	146.775 -	T107.2	☺
GALLATIN	N4SSB	145.130 -	T107.2	
GALLATIN	W4LKZ	147.240 +	T114.8	☺
GALLATIN	WA4YQC	147.270 +	T114.8	☺
GALLATIN	W4CAT	147.300 +	T114.8	☺
GRAY	WD4SBX	145.110 -	T100.0	
GREENBRIER	WQ4E	147.075 +	T107.2	
GREENEVILLE	W4WC	145.390 -		☺
GREENEVILLE	WB4NKM	145.410 -		
GRNVLE/VIKING MT	KB4UG	147.060 +		
GTLBG/COVE MTN	WA4KJH	146.850 -	T127.3	☺
HARRIMAN	KA4QYI	146.640 -	T100.0	☺
HARRIMAN	KC4WHL	146.745 -		☺
HENDERSON	K4TC	147.105 +	T	
HENDERSONVILLE	WB4WZK	145.270 -	T	☺
HOBBS HILL/TRACY	NQ4Y	145.410 -	T114.8	☺
HUNTINGDON	KB4YTM	146.835 -		
JACKSON	KD4GCT	145.110 -		
JACKSON	KE4NTL	145.230 -	T114.8	☺
JACKSON	KF4SC	145.310 -		☺
JACKSON	WF4Q	147.210 +	T107.2	☺
JACKSON	WB0TMC	147.270 +		
JAMESTOWN	K4NLP	147.090 +	T100.0	☺
JASPER	KD4XX	145.190 -	T127.3	☺
JOHNSON CITY	W4ABR	146.790 -		☺
JOHNSON CITY	KE4FH	147.270 +		☺
JOHNSON CITY/HOL	WB4SQC	145.290 -		☺
JONESBOROUGH	WD4OBW	146.925 -		☺
KNGSPT/BAYS MT	W4TRC	146.970 -		☺
KNOXVILLE	WB4GBI	145.170 -		☺
KNOXVILLE	WA4TEM	145.330 -		☺
KNOXVILLE	KB4KIE	145.370 -		
KNOXVILLE	WB4YLC	145.430 -		☺
KNOXVILLE	WB4GBI	145.470 -		☺
KNOXVILLE	WB4GBI	146.625 -	T100.0	☺
KNOXVILLE	KC4ROG	146.910 -	T	
KNOXVILLE	WB4GBI	146.940 -		☺
#KNOXVILLE	KD4CWB	147.000 -	UNCOR	
KNOXVILLE	WB4GBI	147.075 +		☺
KNOXVILLE	KD4CWB	147.195 +	PROP	
KNOXVILLE/RACK	W4BBB	145.210 -	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300 +	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730 -		☺
LAFAYETTE	KC4ECD	145.310 -	T151.4	☺
LAFOLLETTE/WMT	K4BGW	146.670 -		☺
LAVERNE	W4CAT	145.230 -		☺
LAWRENCEBURG	KM4ME	146.655 -	T	
LEBANON	WB4DOR	145.390 -		
LEBANON	W4LYR	147.105 +	T100.0	☺
#LEWISBURG	WB4VXX	146.805 -	UNCOR	☺
LIVINGSTON	N2UP	147.045 +		☺
MANCHESTER	W4UOT	146.700 -	T114.8	☺
MARTIN	N4ABU	146.625 -		
MARYVILLE/ALCOA	W4OLB	146.655 -		☺
MAYNARDVILLE	KB4KIE	145.230 -		
MCMINNVILLE	WD4MWQ	146.970 -		
MCMINVL/SHT MT	WB4LHO	145.490 -		
MCNAIRY	KF4SCT	147.075 +	T107.2	☺
MEDINA	WA4RWK	146.970 -		
MEMPHIS	KF4SCT	145.130 -	T107.2	☺
MEMPHIS	K0JXI	145.150 -		
MEMPHIS	W2GLJ	145.210 -		☺
MEMPHIS	K5FE	145.410 -	T107.2	
MEMPHIS	WA4KOG	145.450 -		
MEMPHIS	WB4KQQ	146.640 -		
MEMPHIS	KE4LFZ	146.730 -	T107.2	☺
MEMPHIS	WA4HBY	146.790 -	T	☺
MEMPHIS	W4BS	146.820 -	T	
MEMPHIS	WA4KOG	146.850 -		
MEMPHIS	KA4KVW	146.880 -		☺
MEMPHIS	N4BSM	146.940 -	T107.2	☺
MEMPHIS	W4ZJM	147.000 +	T*#	☺
MEMPHIS	W4EM	147.030 +		
MEMPHIS	WA4MQQ	147.060 +		
MEMPHIS	W4GMM	147.090 +	T107.2	☺
MEMPHIS	N4WAH	147.120 +	T107.2	
MEMPHIS	WA4KOG	147.180 +		
MEMPHIS	WA4ADT	147.300 +		
MEMPHIS	W4BS	147.360 +	T107.2	
MORGAN COUNTY	WD4ORB	147.330 +	T82.5	
MORRISTOWN	KQ4E	145.450 -		
MORRISTOWN	KQ4E	147.030 +		
#MORRISTOWN	KQ4E	147.390 +	UNCOR	
MOUNTAIN CITY	KF4RBR	145.470 -		☺
#MT PLEASANT	KF4GHD	145.450 -	UNCOR	☺
MURFREESBORO	WB4LHO	145.170 -		
#MURFREESBORO	N4ARK	147.315 +	UNCOR	☺
NASHVILLE	N4ARK	145.210 -		☺
NASHVILLE	N4ARK	52.525 +		☺
NASHVILLE	WR3S	145.370 -		☺
NASHVILLE	N4ARK	145.470 -		☺
NASHVILLE	WA4PCD	146.610 -	T	
NASHVILLE	WA4PCD	146.760 -	T114.8	
NASHVILLE	W4SQE	146.790 -	T	☺
NASHVILLE	W4AY	146.850 -	T114.8	☺
NASHVILLE	WA4PCD	146.880 -	T	
#NASHVILLE	NT4L	146.955 -	UNCOR	☺
NASHVILLE	KC4PRD	146.985 -		☺
NASHVILLE	KJ4ZQ	147.015 +	T	
NASHVILLE	K4ZGA	147.180 +	T114.8	☺
NASHVILLE	N4PYI	147.255 +	T110.9	☺
NASHVILLE	WB4NTM	147.360 +	T	
NASHVILLE W	WB4NTM	146.640 -	T	
NASHVILLE W	WB4NTM	146.670 -	T	
NASHVILLE WEST	WA4PCD	147.150 +	T114.8	
NASHVLE/FAIRVIEW	N4ARK	145.110 -		☺
NOLENSVILLE	WD4JYD	145.350 -		
OAK RIDGE	W4SKH	146.880 -		☺
OAK RIDGE	W4SKH	146.970 -		☺
OAK RIDGE	K4EAJ	147.120 +	T82.5	☺
OAK RIDGE	K4EAJ	147.150 +	T82.5	☺
OAKFIELD	WA4BJY	147.390 +	T	
PARIS	K4KLX	147.360 +		
PETROS/FRZ HD MT	KJ4SI	147.255 +	T94.8	☺
PIGEON FORGE	KD4CLA	145.270 -	T100.0	☺
PIKEVILLE	K4PUX	147.285 +		☺
PULASKI/MUSIC MT	KF4KVF	146.775 -		☺
PURYEAR	WA4CEX	147.165 +		
RAMER	WB4MMI	146.700 -	T107.2	
RCKWD/MT ROSVLT	AA4KS	147.015 +		☺
ROGERSVILLE	KD4HZN	147.315 +	T114.8	☺
SALTILLO	KB4JUB	146.715 -		☺
SELMER	KB6BUL	146.805 -	T	
SHELBYVILLE	N4VFB	147.060 +		
SPARTA/WHITE	KR4BT	147.165 +	T123.0	☺
TELLICO PLAINS	KT4EQ	147.315 +	PROP	
TRENTON	KN4KP	146.865 -		
UNION CITY	WA4YGM	146.700 -		
UNION CITY	KF5SCT	147.015 +	T107.2	☺
WATERTOWN	WA4KPA	146.730 -	T100.0	☺
WATERTOWN	W4LYR	146.835 -	T100.0	☺
WAVERLY	KC4VHQ	147.225 +		
WINCHESTER	AB4SW	146.820 -		☺

220 MHZ

BLOUNTVILLE	WA4CBX	224.200 -		☺
BROWNSVILLE	KB4YTU	224.200 -		
CHATTANOOGA	K4VCM	224.780 -		☺
COLLIERVILLE	KB4YGI	224.400 -		
ERWIN	KB8FPK	224.180 -	PROP	
GALLATIN	W4CAT	223.980 -		☺
GALLITAN	KD4GON	224.700 -	PROP	
GRAY	WD4SBX	224.900 -		
GREENBRIAR	WQ4E	224.800 -		
GREENBRIER	N8ITF	224.540 -	PROP	
GREENBRIER	WQ4E	224.760 -		
GREENEVILLE	WB4NKM	224.940 -		
HERMITAGE	WB4SJV	223.900 -		
JC/BUFFALO MT	KE4FH	224.780 -		☺
KNOXVILLE	WB4GBI	224.340 -	PROP	☺
KNOXVILLE	N4OQJ	224.380 -	T100.0	☺
KNOXVILLE	N4KFI	224.580 -	T103.5	
KNOXVILLE/RACK	W4BBB	224.500 -	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220 -	T100.0	☺
LAVERGNE	WR3S	224.360 -		☺
MEMPHIS	W4ZJM	223.940 -	T*#	☺
MEMPHIS	W4BS	224.420 -		
MEMPHIS	WA4KOG	224.780 -		
MOORESBRG/SNED	KD4IBW	224.760 -		☺
NASHVILLE	WB4NTM	224.080 -		
NASHVILLE	WR3S	224.160 -		
#NASHVILLE	KC4TFQ	224.440 -	UNCOR	
NASHVILLE	K4ZGA	224.480 -		☺
NASHVILLE	WR3S	224.660 -		
NASHVILLE	N4PYI	224.740 -	T100.0	☺
NASHVILLE	KC4PRD	224.840 -		☺
NASHVILLE	WA4PCD	224.940 -	T	
NEWPORT	AC4JF	224.560 -	PROP	☺
ONEIDA	KB4PNG	224.140 -		
ROGERSVILLE	KD4HZN	224.480 -	PROP	☺
SEVIERVILLE	N2FUV	224.440 -	T	
SEVIERVILLE	KD4IBW	224.700 -	T100.0	☺
SEVIERVILLE	KD4IBW	224.800 -		☺
#SHORT MTN	WR3S	223.960 -	UNCOR	☺
SHORT MTN.	N4PYI	224.260 -	T114.8	☺
SMITHVILLE	WR3S	223.960 -	PROP	
SPRINGFIELD	KO4BN	224.220 -		

440 MHZ

ALAMO	WB4EDS	443.750 +		
ARNOLD A.F.B.	KC4FV	443.950 +		☺
ATOKA	KE4ZBI	442.700 +		
BARTLETT	K4VVM	443.700 +	T107.2	☺
BARTLETT	WA4PAJ	444.250 +		
BETHPAGE	KD4YUX	442.200 +	T107.2	☺
BRISTOL/HLST MT	K4JP	444.500 +		
BROWNSVILLE	KB4YTU	444.200 +		
BROWNSVILLE	KB4YTU	444.450 +		
CHATT/MONTLAKE M	KD4UWA	444.875 +	T136.5	
CHATTANOOGA	WJ9J	442.150 +		
CHATTANOOGA	WB4LRD	443.550 +	PROP	
CHATTANOOGA	KD4HII	443.900 +	T	
CHATTANOOGA	W4AM	444.100 +		☺
CHATTANOOGA	KD4HII	444.200 +	T	
#CHATTANOOGA	WD4OAR	444.700 +	UNCOR	☺
CLARKSVILLE	WA4BZU	444.325 +	T107.2	☺
CLARKSVILLE	KF4GP	444.950 +	T167.9	
CLEVELAND	WD4DES	442.250 +	T118.8	☺
CLEVELAND	KD4NEB	442.450 +	T88.5	
CLEVELAND	W4GZX	444.275 +		☺
COLLEGEDALE	KA6UHV	443.575 +		☺
COLLIERVILLE	KA7UEC	443.625 +	T107.2	☺
COLUMBIA	WA4AKM	444.925 +	T107.2	☺
COOKEVILLE	NQ4Y	444.550 +	T107.2	☺
CROSSVILLE	WB8EYJ	444.950 +	T107.2	☺
CUMBERLAND CITY	WD4DBJ	443.400 +	T	☺
DAYTON	KN4VY	442.075 +		☺
DEASON	WA4AWI	443.350 +	T107.2	☺
DOVER	N4VIH	444.925 +	T	☺
DRESDEN	KA4BNI	442.150 +		
DRESDEN	KE4OVN	443.850 +		☺
ETOWAH/STARR MT	KF4CFO	442.275 +	PROP	
EVA	AD4QG	443.625 +		
FRANKLIN	WA4AKM	444.725 +	T107.2	☺
GALLATIN	N4SSB	442.600 +	T107.2	
GALLATIN	WD4BKY	444.000 +	T107.2	☺
GALLATIN	WD4BKY	444.350 +	T114.8	☺

SYMBOLS: ☺ = Full Member SERA T = Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

TENNESSEE REPEATERS CONTINUE

EVA	AD4QG	443.625	+		
FRANKLIN	WA4AKM	444.725	+	T107.2	☺
GALLATIN	N4SSB	442.600	+	T107.2	
GALLATIN	WD4BKY	444.000	+	T107.2	☺
GALLATIN	WD4BKY	444.350	+	T114.8	☺
GALLATIN	W4CAT	444.450	+	T107.2	☺
GALLATIN	WA4AKM	444.775	+	T107.2	☺
GATLBG/COVE MT	WA4KJH	443.300	+	T127.3	☺
GEORGETOWN	WD4OAR	442.925	+	PROP	
GRAY	WD4SBX	442.200	+	T100.0	
GREENBRIER	WQ4E	444.250	+		
GREENEVILLE	WB4NKM	444.650	+	T100.0	
GRNVLE/VIKING MT	KB4UG	443.200	+		
HARRIMAN	KC4WHL	442.875	+	T136.5	☺
HARRIMAN	KC4WHL	444.025	+		☺
HENDERSON	KE4PFW	442.275	+		
HENDERSON	K4TC	444.750	+	T	
HUNTINGDON	KB4YTM	444.375	+		
JACKSON	KE4CES	442.900	+	T114.8	
JACKSON	WB0TMC	444.725	+	T107.2	
JAMESTOWN	KC4MJN	443.625	+	T100.0	
JASPER	KD4XV	442.050	+	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625	+	T	
JOHNSON CITY	KE4FH	444.100	+		☺
JOHNSON CITY/HOL	WB4SQC	442.050	+	T	☺
KNOXVILL/ENG MTN	WB4HAP	444.600	+		☺
KNOXVILLE	WB4HAP	442.500	+	T103.5	☺
KNOXVILLE	N4UAG	443.025	+		☺
KNOXVILLE	KA4AZQ	443.075	+	PROP	
KNOXVILLE	KD4CWB	443.500	+	T	
KNOXVILLE	KA4AZQ	443.800	+	T100.0	
KNOXVILLE	KD4OBX	443.950	+	PROP	
KNOXVILLE	KD4CWB	444.000	+	PROP	
KNOXVILLE	KC4NNN	444.175	+	T	
KNOXVILLE	WB4GBI	444.300	+		☺
KNOXVILLE	KC4NNN	444.425	+	T	
KNOXVILLE	KB4KSL	444.500	+		☺
KNOXVILLE	KD4IBW	444.525	+	T100.0	☺
KNOXVILLE/RACK	W4BBB	444.575	+	T100.0	☺
LAFAYETTE	KC4ECD	444.125	+	T107.2	☺
LAFOLLETTE	KB4OTK	443.700	+		
LAKE CITY	WD4LUR	442.800	+	T100.0	☺
LAVERGNE	WR3S	443.975	+	T	
LEBANON	WA4AWI	443.275	+	T107.2	☺
LEBANON	W4LYR	443.575	+	T100.0	☺
LEBANON	WA4AXH	444.275	+	T	☺
MARYVILLE	KF4BTL	442.000	+		☺
MARYVILLE	KC4PDQ	444.075	+		☺
MCEWEN	KE4KNZ	443.925	+	T	☺
MCKENZIE	KD4KPV	443.875	+		
MCMINNVILLE	WD4MWQ	444.850	+	T	
MCNAIRY	KF4SCT	444.550	+	T107.2	☺
MEDINA	WA4BJY	442.050	+		
MEMPHIS	WB4EPG	442.625	+		
MEMPHIS	WF4G	442.825	+		
MEMPHIS	W4ZJM	443.000	+	T*#	☺
MEMPHIS	KA4JXT	443.100	+	T107.2	☺
MEMPHIS	W4BS	443.200	+	T107.2	
MEMPHIS	WA4QWW	443.400	+		
MEMPHIS	N4ER	443.950	+	T	☺
MEMPHIS	WA4ETE	444.000	+	T107.2	☺
MEMPHIS	K4RDK	444.025	+		
MEMPHIS	KF4ATY	444.075	+		
MEMPHIS	KA4JXT	444.100	+	T	☺
MEMPHIS	KA4JXT	444.125	+	T	☺
MEMPHIS	W2GLJ	444.175	+		☺
MEMPHIS	WA4KOG	444.400	+		
MEMPHIS	N4WAH	444.500	+	T	
MEMPHIS	K0JXI	444.800	+		
MEMPHIS	K5FE	444.825	+		
MEMPHIS	K7AG	444.850	+	T107.2	
MEMPHIS	WB4NNE	444.950	+		
MILAN	WD4PAX	442.100	+		☺
MORRISTOWN	KQ4E	444.975	+	T	
MT JULIET	N4PYI	444.400	+	T	☺
MT JULIET	N4PYI	444.750	+	PROP	☺
#NASHVILLE	WB4PUB	443.050	+	UNCOR	☺
NASHVILLE	N4PYI	444.050	+	T107.2	☺
NASHVILLE	WB4NTM	444.150	+	T	
NASHVILLE	N4ARK	444.200	+	T	☺
NASHVILLE	N4ARK	444.225	+	T107.2	☺
NASHVILLE	WA4BZU	444.300	+	T107.2	☺
NASHVILLE	WA4BGK	444.525	+	T107.2	☺
#NASHVILLE	WA4PCD	444.550	+	UNCOR	
NASHVILLE	WA4WCK	444.575	+	T	☺
NASHVILLE	N4TK	444.625	+	T107.2	☺
NASHVILLE	WA4PCD	444.675	+	T	
NASHVILLE	N4PYI	444.800	+	T110.9	☺
NASHVILLE	WA4AKM	444.875	+	T107.2	☺
NASHVILLE	WA4AKM	444.975	+	T107.2	☺
NEW DEAL	N4SSB	442.900	+	T107.2	
NOLENSVILLE	WA4AXH	443.650	+	T	☺
OAK RIDGE	K4EAJ	444.400	+	T82.5	☺
OAKFIELD	WA4BJY	442.200	+	T	
OLD HICKORY	KB5YJC	443.725	+	PROP	
ONEIDA	KT4PN	442.825	+		
PARIS	AD4LR	443.675	+		
PIGEON FORGE	KD4CLA	444.350	+	T156.7	☺
PROSPECT	WA4AUX	444.600	+	T118.8	
RAMER	WB4MMI	444.900	+	T	
RCKWOOD/OZONE	WJ9J	442.225	+		
ROCKWOOD	KA4WJS	443.975	+		
ROGERSVILLE	KT4PL	443.350	+	T	☺
SEVIERVILLE	KD4IBW	443.675	+	T100.0	☺
SEVIERVILLE	N4CKB	444.725	+	PROP	☺
SHELBYVILLE	WA4PZN	442.700	+	T	
SHELBYVILLE	KC4KRM	443.825	+		
SHRT MT/MURFREB	W4CAT	444.650	+	T107.2	☺
SMITHVILLE	N4PYI	444.825	+	T107.2	☺
SODDY DAISY	WJ9J	444.450	+		
SPENCER	KA4MHJ	443.775	+	T	☺
SUMMITVILLE	N4ZKR	444.475	+	T107.2	☺
WATERTOWN	W4LYR	444.900	+	T100.0	☺

920 MHZ

MORRISTOWN	KQ4E	920.800	-		

1270 MHZ

MEMPHIS	N4HKS	1292.000	-		☺
NASHVILLE	WA4AKM	1284.400	-		☺
SMITHVILLE	WA4AKM	1286.500	-		☺

ATV REPEATERS

BARTLETT	N4WAH	421.250	+	PROP	

VIRGINIA

JOHNSON CITY/BUF	KD4JGV	421.250	+		☺
KNOXVILLE	WA4CDM	1253.250	-		
KNOXVILLE	WA4CDM	421.250	+		
NASHVILLE	KJ4ZQ	421.250	+		
NASHVILLE	K4ZGA	923.250	-		☺

BEACONS

HIGH KNOB	WD4GSM	222.055	-		
HIGH KNOB	WD4GSM	144.054	-		
HIGH KNOB	WD4GSM	432.075	-		
HIGH KNOB	WD4GSM	1296.075	-		

10 METERS

BLUEFIELD/ONEIDA.	WZ8E	29.680	-	PROP	☺
NEWPORT NEWS	W4CM	29.600	+		
STERLINGPARK	KD4DN	29.68	-		

6 METERS

ALEXANDRIA	WA4CCF	53.13	-		
ALEXANDRIA	WA4CCF	224.82	-		
AMELIA	WB3R	53.390	-		☺
AMELIA COURTHSE	KB4YKV	53.110	-		☺
ARLINGTON	WB4MJF	224.06	-		
BEDFORD/THAX MT	N4CH	53.150	-		☺
BULLRUNMTN	WD8ISK	53.45	-		
CHESTERFIELD	KD4SUU	53.430	-		
DANVILLE(DCC)	WB4GJG	53.130	-	T	
GATE CITY	N4WWB	53.210	-		☺
GUM SPRING	KB4MIC	53.070	-		☺
HAMPTON	WA4OHX	53.890	-		☺
LEXNGTN/ROCK MT.	KI4ZR	53.010	-		☺
LYNCHBURG	KE4KEH	53.570	-		☺
NEWPORT NEWS	KT4QW	53.250	-	PROP	
PEARISBURG	KE4JYN	53.470	-	T107.2	☺
RICE	KE4SFU	53.170	-		☺
ROANOKE	N4CH	53.250	-		☺
ROANOKE/POOR MT	WB8BON	53.090	-		☺
VESTA	N4GBO	53.430	-	107.2 PROP	
WHITE TOP MTN	KB4YFV	53.650	-		☺

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610	-		
ABINGDON	NM4L	147.345	+		☺
ACCOMAC	K4BW	147.255	+	T156.7	☺
ALEXANDRIA	K4US	146.655	-		
ALEXANDRIA	WA9GVK	443.75	-		
ALEXANDRIA	W4HFH	147.315	+		
ALEXANDRIA	W4HFH	444.6	-		
ALTAVISTA	WA4ISI	146.655	-		☺
AMELIA	WB3R	145.190	-	PROP	☺
AMELIA COURTHSE	KB4YKV	147.180	+		☺
ARLINGTON	WB4MJF	145.15	-		
ARLINGTON	WB4MJF	145.47	-		
ARLINGTON	KF4JPC	146.625	-		
ARLINGTON	WA4YVM	147.045	+		
BEDFORD	N4CH	145.230	-		☺
BEDFORD	WB4JBJ	147.105	+		
BEDFORD/APL ORC.	WA1ZMS	146.685	-	T100.0	☺
BLACKSBURG	AB9I	146.715	-		☺
BLAND	N4AZJ	145.350	-	T103.5	☺
BLUEFIELD	KD8XK	145.250	-	T100.0	☺
BLUEFIELD	W8MOP	145.490	-		☺
BLUEFIELD/ONEIDA.	WZ8E	146.955	-		☺
BLUEMONT	WA4TSC	147.3	+		
BOYDTON	KD4ZTK	147.240	+		
BRISTOL	WD4CYZ	146.880	-		
CHARLOTTESVILLE	WA4TFZ	146.760	-	T88.5	☺
#CHARLOTTESVILLE	N4RAG	146.895	-	UNCOR	☺
CHARLOTTESVILLE	WA4TFZ	146.925	-		☺
CHESAPEAKE	WA4YSE	146.610	-		☺
CHESAPEAKE	N4SD	146.790	-		☺
CHESTERFIELD	KD4KWP	145.310	-		☺
CHESTERFIELD	KA4CBB	147.360	+		☺
CLAYPOOL HILL	KF4EII	146.805	+	PROP	
CLINCHCO	KB4RFN	147.150	+	T88.5	
COEBURN	AD4OV	145.430	-	103.5	☺
COVINGTON	WA4HTI	146.805	-		☺
CULPEPER	AA4VI	147.12	+		
DALECITY	N4LJZ	147.585	+		
#DANTE	WD4CYZ	147.255	+	UNCOR	
DANTE/HAZEL MTN	KK4MW	146.985	-	T103.5	
DANVILLE(DCC)	WB4GJG	146.925	-	T104.2	
DANVILLE/WHT OAK	K4AU	146.700	-		☺
DUBLIN	K4HZS	146.670	-		☺
DULLESAIRPORT	N4FSC	145.31	-		
EASTVILLE	N4WAO	147.345	+	T156.7	☺
ELK CRK/IRON MTN.	N4MGQ	147.240	+	T107.2	☺
ENON	WB4VWR	147.060	+	T107.2	
FAIRFAX	K6LEW	146.79	-		
FAIRFAX	WB4YHD	224.1	-		
FARMVILLE	KE4ZBH	145.330	-		☺
FARMVILLE	N4RKM	146.910	-		☺
FINCASTLE	W4WIC	146.640	-		☺
FOREST	W8CXD	147.165	+	T114.8	☺
FRANKLIN	K4SPS	147.300	+	T131.8	☺
FREDERICKSBUR	WB4LNT	147.015	+		
GALAX/BRIRP MT	W4BRC	147.090	+		☺
GALAX/LKOUT MT	N4VL	145.130	-	T103.5	☺
GARRISONVILLE	N4NW	145.27	-		
GATE CITY	N4WWB	146.820	-	T	☺
GLOUCESTER	W4HZL	145.370	-	T100.0	☺
GOOCHLAND	N4TZE	147.090	+		
GREENBAY	K4ARO	145.150	-		☺
GRUNDY	K4HWQ	147.315	+		
GRUNDY/BIG A MT	KK4EH	146.835	-		☺
GUM SPRING	WB4IKL	147.270	+		☺
HAMPTON	WA4OHX	145.490	-		☺
HAMPTON	W4QR	146.730	-		☺
HAMPTON	K4UMI	146.940	-	T	
HAMPTON	KA4VXR	147.225	+	T136.5	
HARRISONBURG	N4YET	145.13	-		
HARRISONBURG	N4RAG	146.895	-		
HARRISONBURG	N4RAG	147.225	+		
HARRISONBURG	N4YET	147.315	+		
KILMARNOCK	W2MS	145.210	-		☺
LEXINGTON	KI4ZR	147.300	+		☺
LEXNGTN/ROCK MT.	KI4ZR	147.330	+		☺
LYNCHBURG	KC4RBA	145.370	-		
LYNCHBURG	W4WWQ	146.610	-		☺
LYNCHBURG	AB4M	147.015	-	T131.8	☺
LYNCHBURG	WA4RTS	147.195	+	T136.5	☺
LYNCHBURG	KB4ILD	147.375	+		
MANASSAS	WA4FPM	146.97	-		
MARION	KC4SKE	145.270	-	T103.5	
MARION	N4QLF	146.640	-	T103.5	
MARTINSVILLE	KF4KVG	147.285	+	T107.2	☺
MCLEAN	W4CIA	147.21	+		
MECHANICSVILLE	W4ML	146.805	-	PROP	☺
MONTEREY	WD4ITN	147.180	+	T100.0	☺
MONTPELIER	KQ4RH	145.250	-	PROP	☺
MOUNTAIN LAKE	WZ8E	146.865	+		☺
MT.LAKE/BALD KNB	K4TUE	146.910	-		☺
NEWMARKET	KE4FM	146.625	-		
NEWPORT NEWS	W4MT	145.230	-	T100.0	☺
NEWPORT NEWS	W4CM	147.165	+		
NORFOLK	WA4ZUA	145.170	-	T136.5	
NORFOLK	W4VB	145.330	-		☺
NORFOLK	KF8PT	146.700	-	PROP	
NORFOLK	AD4ZK	147.075	+		☺
NORTON	KC4UBU	146.865	-	T103.5	
NORTON/HIGH KNOB	K4AXO	147.015	-	T88.5	
PATRICK SPRINGS	WB8POC	147.120	+	T107.2	☺
PEARISBURG	N4AZJ	147.135	+	T100.0	☺
PENNINGTON GAP	KK4QS	146.700	-		☺
PETERSBURG	K4ARO	147.390	+		☺
PKS KB/PULASKI	WB3S	147.180	+	T103.5	☺
PORTSMOUTH	W4POX	146.850	-		☺
POUND	KC4UBU	145.210	-	T103.5	
QUANTICO	KE4ZN	147.345	+		
RADFORD/RINER	KA4IXK	145.150	-		☺
#RICHLANDS	KM4FY	147.150	+	UNCOR	☺
RICHMOND	K4YPE	145.110	-		☺
RICHMOND	W4SQT	145.430	-		☺
RICHMOND	WB4QEY	146.640	-		☺
RICHMOND	W4RAT	146.880	-		☺
RICHMOND	W4ZA	146.940	-		☺
RICHMOND	WA4JST	147.030	-		
RICHMOND	KC4VDZ	147.135	+	T107.2	☺
ROANOKE	N4AP	146.940	-		
ROANOKE/POOR MT	K4ARO	145.390	-	T107.2	☺
ROANOKE/POOR MT	K4ROA	146.745	-	T107.2	☺
ROANOKE/POOR MT	W4CA	146.985	-		☺
ROANOKE/POOR MT	KB4QWO	147.270	+		☺
ROANOKE/POOR MT.	WB4QOJ	145.210	-		
RUSTBURG	N4UTN	145.290	-	T	☺
RUSTBURG/LONG MT	N4UTN	146.835	-	T173.8	☺
SALEM	WA4V	146.880	-		
SALUDA	AA4HQ	145.450	-		☺
SMITHFIELD	KF4ADJ	147.195	+	T100.0	☺
SOUTH BOSTON	KF4LWH	145.350	-		☺
SOUTH BOSTON	KF4AGO	147.060	-		☺
SOUTH HILL	N4ZCM	145.470	-		
STAUNTON	KD4WWF	146.700	-	T131.8	☺
STAUNTON	WA4ZBP	146.850	-	T131.8	☺
STAUNTON	W4WRN	146.970	-		
STAUNTON/EL. KB	KE4CKJ	147.045	+	T131.8	☺
STERLING	WA4TXE	146.715	-		
STUARTS DRAFT	KB4OLM	147.360	+		
SUFFOLK	WA4HMT	147.000	-	T100.0	☺
TYSONSCORNER	W4XG	146.91	-		
VIENNA	K4HTA	146.685	-		
VIRGINIA BEACH	WA4KXV	146.895	-		☺
VIRGINIA BEACH	WA4KXV	146.970	-		☺
VIRGINIA BEACH	WA4SBC	147.045	+		
VIRGINIA BEACH	W4NV	147.375	+		
WALKERTON	KA4DZU	146.715	-		☺
WARRENTON	KB3BOI	145.35	-		
WARRENTON	NZ4N	147.165	+		
WARSAW	KA4ZIP	147.285	+		
WAYNESBORO	W4PNT	147.075	+		☺
WILLIAMSBURG	KF4ADM	145.410	-		☺

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

VIRGINIA REPEATERS CONTINUE

WYTHEVILLE/BLAND	WB3T	146.895 -	T103.5	☺

220 MHZ

ALEXANDRIA	WA4CCF	224.82 -		
ALEXANDRIA	WA4CCF	53.13 +		
ARLINGTON	WB4MJF	224.06 -		
ARLINGTON	WB4MWF	224.62 -		
BEDFORD	N4PLV	224.840 -		☺
BEDFORD/APL ORCH	WA1ZMS	224.180 -	T100.0	☺
BLUEFIELD	N8LGA	224.920 -		
BUCK'S ELBOW	N4RAG	224.320 -	T131.8	☺
BUCKS ELBOW	KC4MZN	224.220 -	T131.8	
BULLRUNMTN.	K9SP	223.94 -		
CHARLOTTESVILLE	KB4YQC	224.140 -	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760 -		☺
DELTAVILLE	AA4HQ	224.900 -		☺
FAIRFAX	WB4YHD	224.1 -		
FAIRFAX	W4LBL	146.79 +		
FALLSCHURCH	N4CHP	224.98 -		
FANCY GAP	K4DQ	224.880 -	PROP	
GLOUCESTER	W4GSF	224.620 -		☺
HAMPDEN-SYDNEY	W4JAS	224.200 -		
HAMPTON	WB4PVT	224.540 -	T100.0	☺
HARRISONBURG	N4YET	224.82 -		
HAYMARKET	WD4KHP	224.4 -		
HAYMARKET	WD4KHP	224.42 -		
JONESVILLE	WM4MD	224.520 -	PROP	
LAKE GASTON	WA4HMT	224.600 -		☺
LEESBURG	KC3BM	224.02 -		
LINDEN	N3RIQ	224.36 -		
LOVETTSVILLE	WB4FUJ	224.46 -		
LYNCHBURG	AB4M	224.280 -		☺
MANASSAS	WA4FPM	224.66 -		
MARTINSVILLE	K4RCA	224.500 -		☺
NORTON/HIGH KNOB	WD4GSM	224.420 -		
PATRICK SPRINGS	KC4J	224.420 -	T103.5	
PEARISBURG	KQ4Q	224.860 -		☺
PETERSBURG	K4ARO	224.700 -		☺
RESTON	WD4KHP	224.72 -		
RIDGEWAY	AA4QT	224.380 -	T	
ROANOKE	N4CH	224.100 -		☺
ROANOKE/CAHAS MT	AB4EM	224.940 -		☺
ROANOKE/TINKER	K4YDG	224.900 -		☺
STAUNTON/EL KNOB	KE4CKJ	224.300 -	T131.8	
STUART	WB4GUG	224.200 -	T107.2	☺
TYSONSCORNER	KB4CVL	224.34 -		
TYSONSCORNER	WD4KHP	224.42 -		
VIRGINIA BEACH	KC4JGC	224.740 -	T100.0	
WAYNESBORO	KA4RCL	224.680 -	T131.8	☺
WOODBRIDGE	WB4GJZ	224.78 -		

440 MHZ

#CHANCELLOR	KB4OB	443.85 +		
ABINGDON	KB8KSP	442.975 +	T88.5	☺
ACCOMACK	K4BW	444.300 +	PROP	
ALEXANDRIA	WA9GVK	439.25 -		
ALEXANDRIA	WA9GVK	911.25 -		
ALEXANDRIA	WA9GVK	147.465 +		
ALEXANDRIA	WA9GVK	915.75 -		
ALEXANDRIA	W4HFH	147.315 +		
ALEXANDRIA	W4HFH	444.6 +		
ALTAVISTA	WA4ISI	444.425 +		☺
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	W8HNT	449.325 -		
ARLINGTON	WB4MJF	444.15 +		
ARLINGTON	K4AF	444.55 +		
BEDFORD	N4CH	444.350 +		☺
BEDFORD/APL ORCH	WA1ZMS	442.650 +	T100.0	☺
BEDFORD/APL ORCH	WA1ZMS	443.800 +	T100.0	☺
BERRYVILLE	WB2KPH	447.475 -		
BIG "A" MTN	KB4WTP	444.875 +		☺
BLUEFIELD	WZ8E	443.625 +		☺
BLUEFIELD	W8MOP	444.450 +		☺
BLUEFIELD	WZ8E	444.625 +		☺
BLUEMONT	WA4TSC	449.925 -		
CHARLOTTESVILLE	WA4TFZ	444.250 +	151.5	☺
CHESAPEAKE	KB4NKO	443.100 +	PROP	
CHESAPEAKE	N4EVG	443.900 +		
CHESTERFIELD	KD4SUU	442.150 +		
CHESTERFIELD	WA3KOK	442.450 +	PROP	
COVINGTON	WA4HTI	442.250 +		☺
DALECITY	N8BOR	443.1 +		
DANVILLE	KQ4RX	443.850 +		☺
DANVILLE/WHT OAK	K4AU	444.700 +		☺
ENON	WB4VWR	444.200 +		
FAIRFAX	K4HTA	448.375 -		
FAIRFAX	WD4KHP	449.775 -		
FALLSCHURCH	KF4LWJ	444.3 +		
FANCY GAP	WD4ICX	444.175 +	T107.2	
FANCY GAP	N4OWU	444.375 +	T107.2	☺
FANCY GAP	N4XRY	444.900 +		
FOREST	W8CXD	443.600 +	T136.5	☺
FOREST	WD4KQI	444.750 +		☺
FRONTROYAL	N4MKH	449.225 -		
GASBURG	WA4HMT	442.000 +		☺
GATE CITY	N4WWB	444.700 +		☺
GOLDVEIN	KC4ASF	444.45 +		
GRETNA/SMITH MT	KD4TBC	444.075 +	T67.0	
GUM SPRING	KB4MIC	442.800 +		☺
HAMPTON	K4UMI	443.650 +		
HAMPTON	WA4OHX	444.400 +		☺
HAMPTON	W4QR	444.550 +	T167.9	☺
HARRISONBURG	N4YET	444.6 +		
HAYMARKET	KT4ER	448.325 -		
HAYMARKET	N3AUY	449.025 -		
HILLSVILLE	KB4YFV	442.125 +	T103.5	☺
JONESVILLE	WB4IVB	442.575 +	T100.0	
KEYSVILLE	KB4TLZ	443.525 +	T131.8	☺
KINGGEORGE	KB4OB	442.15 +		
LEXINGTON	KI4ZR	444.300 +		☺
LEXNGTN/ROCK MT.	KI4ZR	444.150 +		☺
LORTON	WA3TOL	448.675 -		
LORTON	WD4KHP	449.725 -		
LYNCHBG/JACK MT.	KF4YI	442.400 +	T107.2	☺
LYNCHBRG/TOB MT	K4HEX	444.500 +	T136.5	☺
LYNCHBURG	AB4FU	442.950 +	T	☺
LYNCHBURG	KC4RBA	443.450 +		
LYNCHBURG	WA4RTS	444.550 +	T136.5	☺
LYNCHBURG/T.ROW	N4IFC	442.200 +	PROP	
MADISON	N8HON	444.4 +		
MANASSAS	W1CRO	442.2 +		
MAPPSVILLE	KD4NVM	444.300 +	PROP	
MARTINSVILLE	KD4CRM	442.175 +	T465INV	
NEWPORT NEWS	W4MT	442.900 +	T100.0	☺
NORFOLK	AD4ZK	444.475 +	T	☺
NORFOLK	WD4MIZ	444.675 +	T107.2	☺
NORTON/HIGH KNOB	WA4NDQ	444.850 +	T103.5	
OILVILLE	KB4MIC	444.800 +		☺
PATRICK SPRINGS	KC4J	443.175 +		
PEARISBURG	N4AZJ	444.975 +	T103.5	☺
PETERSBURG	K4ARO	442.600 +		☺
PETERSBURG	WB4KZI	443.825 +		☺
PORTSMOUTH	W4POX	443.800 +		☺
PORTSMOUTH	KK4SN	444.000 +		
POWHATAN	KN4YM	443.100 +		
PULASKI	KE4CIF	442.775 +	T	☺
RICHMND/CHLTVL	N4EHJ	444.650 +		☺
RICHMOND	KC4VDZ	442.300 +	T114.8	☺
RICHMOND	W4RAT	442.550 +	T127.3	☺
RICHMOND	AB4SF	444.850 +	T	☺
ROANOKE	K4ARO	442.600 +	T	☺
ROANOKE/AIRPORT	WD4KZK	443.750 +	T107.2	☺
ROANOKE/MILL MTN	WD4KZK	442.750 +	T107.2	☺
ROANOKE/POOR MT	W4CA	442.500 +		☺
ROANOKE/POOR MT	KA4IXK	442.850 +		☺
ROANOKE/POOR MT	N4CPI	442.700 +		☺
ROANOKE/READ MT	WD4KZK	444.850 +	T107.2	☺
ROANOKE/TINKER M	WB8BON	444.925 +		☺
SILER	WB4YRB	449.175 -		
SMITHFIELD	KF4PGC	443.550 +	T100.0	☺
SOUTH BOSTON	KF4AGO	443.925 +		☺
SOUTH BOSTON	KF4LWH	444.625 +		☺
#SOUTH HILL	KD4MJO	443.525 +	UNCOR	☺
SPRINGFIELD	WD4KHP	449.825 -		
STAUNTON	WA4ZBP	444.825 +	T131.8	☺
STAUNTON	W4WRN	444.950 +		
STAUNTON/EL KNOB	LE4CLK	444.100 +	T131.8	☺
STERLING	WA4TXE	442.1 +		
STUART	WB4GUG	442.225 +	T107.2	☺
STUARTS DRAFT	KB4OLM	444.050 +		
TYSONSCORNER	KB4NRU	447.025 -		
TYSONSCORNER	KM4FI	443.5 +		
TYSONSCORNER	KB4NRU	444.75 +		
VIENNA	N4KOU	444.85 +		
VIRGINIA BEACH	WA4KXV	444.950 +		☺
WALTHALL MILL	KE4RTQ	444.275 +	T114.8	☺
WHITETOP MTN	KM4X	443.000 +	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100 +		☺
WILLIS	W4DUM	443.875 +		
WOODBRIDGE	WB4FQR	444.9 +		
WYTHE/WALKER MT	WB3T	442.000 +	T103.5	☺
WYTHEVILLE/SAND	WB3T	444.325 +	T103.5	☺

920 MHZ

ALEXANDRIA	WA4CCF	919.6 -		
BEDFORD/APL ORCH	WA1ZMS	921.100 -		
T100.0				☺
LYNCHBRG/TOB MT	K4HEX	921.000 -	T100.0	☺
LYNCHBURG	K2AD	921.200 -	T100.0	☺
ROANOKE	KM4TT	920.900 -	T123.0	
ROANOKE/POOR MT	WD4KZK	919.500 -		☺

1270 MHZ

ALEXANDRIA	WA4CCF	1282.6 -		
BEDFORD/APL ORCH	WA1ZMS	1283.100-	T100.0	☺
MCLEAN	K6LEW	1292.1 -		
ROANOKE/POOR MT	N4CH	1291.020-		☺

ATV REPEATERS

GLOUCESTER	N4XND	421.250 +		
LYNCHBURG	K4HEX	923.250 -		☺
ROANOKE/POOR MT.	N4FHL	439.250 -		
WAYNESBORO	KA5NOJ	426.250 +		☺

2.4 GHz

BEDFORD/APL ORCH	WA1ZMS	2411.600 +		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620 -		☺
CHARLESTON	WB8CQV	29.640 -		
RICHWOOD	WA8YWO	29.660 -	T100.0	

6 METERS

ALDERSON	WA8WDK	53.190 -		
BECKLEY	WB8YST	53.590 -	T107.2	☺
CHARLESTON	WB8YST	53.630 -	T107.2	☺
FLATWOODS	N8CQQ	53.110 -	PROP	☺
GASSAWAY	K8WGB	53.210 -	T123.0	☺
LOGAN	KE4QOX	53.170 -	T	☺
MARMT/CHARLSTN	N8PEI	53.750 -	T141.3	
RICHWOOD	WB8YST	53.710 -	T107.2	☺
SHIRLEY	KB8TJH	53.310 -	PROP	☺

2 METERS

AMBER RIDGE	KB8NJH	147.210 +	T107.2	☺
BECKLEY	N8FWL	147.360 +	PROP	☺
BECKLEY/BOLT	WV8B	145.170 -	T100.0	☺
BECKLEY/EOC	N8TNB	145.370 -		☺
BECKLEY/FLAT TOP.	WA8WDK	146.850 -		☺
BECKLEY/LAYLAND	N8FCJ	145.310 -	T100.0	☺
BECKLEY/OAK HILL	N8FWL	145.230 -	T100.0	☺
BIRCH RIVER	N8FMD	145.270 -	T103.5	☺
BLUEFIELD	W8MOP	145.490 -		☺
BRIDGEPORT	WB8DKM	147.120 +	T	☺
BUCKHANNON	N8FHE	145.410 -		☺
BUCKHANNON	N8ZAR	147.060 +	T123.0	
CHARLESTON	W8GK	145.350 -	91.5	☺
CHARLESTON	WB8IFS	146.820 -		
CLARKSBURG	N8FMD	146.685 -	T103.5	☺
CLARKSBURG	N8FMD	147.210 +	T103.5	☺
DANVILLE	WB8NAM	146.685 -	T	
DAVIS	KE8MR	147.135 +	T103.5	☺
ELKINS	KB8BWZ	146.775 -		☺
FAIRMONT	W8SP	145.350 -	T123.0	
FENWICK	KD8AB	146.940 -		
FLAT TOP/WINTRPL.	WV8B	146.625 -	T100.0	☺
FLATWOODS	N8ZPX	146.655 -	T123.0	☺
FRANKLIN	W3RUA	147.345 +		☺
FROST	N8RV	145.110 -		☺
GASSAWAY	WB8MZI	146.610 -		
GLENVILLE	KB8EUN	145.130 -		
GLENVILLE	KA8ZXP	145.290 -		☺
GRAFTON	WD8LNB	147.375 +		
GRANTSVILLE	N8LGY	145.450 -	T103.5	☺
HARISVL/PENSBRO	WB8NSL	147.300 +		
HINTON	KC8CNL	147.255 +		☺
HUNTINGTON	WB8FEQ	145.210 -		☺
HUNTINGTON	W8VA	146.760 -		☺
HUNTINGTON/CHAS	WB8EZR	146.640 -		☺
IAEGER	N8SNW	146.655 -		
KEYSER	N8RCG	147.390 +	T123.0	☺
LEWISBURG	WB8SPW	146.730 -	T100.0	☺
LEWISBURG	WV8D	147.390 +	T100.0	☺
LIBERTY	WV8AR	145.410 -	T123.0	☺
LOGAN SOUTH	NV8H	147.195 +		☺
LOGAN/SUMERCO	NU8K	147.345 +		☺
LOGAN/WRD RK MT	KJ8E	146.970 -		☺
MADISON	WB8NAM	147.120 +	T	
MCMECHEN	N8BQ	146.910 -		☺
MIDDLEBOURNE	KC8GXI	147.360 +	T110.9	☺
MORGANTOWN	K8LG	145.430 -		
MORGANTOWN	W8CUL	146.760 -		☺
MORGANTOWN	KE8MR	147.075 +	T103.5	☺
MULLENS	KC8IT	147.030 +		☺
NEW MARTINSVILE	KF8LL	146.985 -		
OAK HILL	NM8T	146.790 -		☺
PARKERSBURG	WV8G	145.490 -		
PARKERSBURG	WA8LLM	147.255 +		☺
PARKERSBURG	WD8CYV	147.390 +	T141.3	
PARKERSBURG (OH)	WF8U	146.745 -		
PARKERSBURG (OH)	N8NBL	146.970 -		
PARSONS	K8VNQ	145.370 -	T118.8	☺
PHILIPPI	K8VE	145.150 -		☺
PINEVILLE	W8LG	147.285 +		☺
PRINCETON	KA8PNC	147.060 -		☺
PRINCETON	WB8NRK	147.225 +	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925 -		
RAVENSWOOD	WD8JNU	146.670 -		☺
RICHWOOD	WB8YJJ	145.190 -	T	
RICHWOOD	AA8TH	147.015 +	T	
RICHWOOD	WA8YWO	147.150 +	T100.0	
SALT ROCK	K8SA	145.110 -	T	
SCOTT DEPOT	WV8AR	147.270 +	T123.0	☺
SHERRARD	KD8GL	146.715 -		☺
SHIRLEY	KB8TJH	145.310 -	T	☺
SMITHERS	NM8T	147.075 -		☺
SO. CHARLESTON	WB8CQV	146.880 -		
SPRUCE KNOB	N8HON	147.285 +		☺
ST ALBANS	K8WMX	147.000 -		☺
ST ALBANS	K8WMX	147.375 +		☺
SUMMERSVILLE	W8FG	145.470 -	146.2	
TERRA ALTA	KD8ZR	147.000 +		
UNION	W8IFL	145.410 -		
WEIRTON	W8CWO	146.940 -		
WELCH	WB8SXZ	145.450 -		
WESTON	WD8EOM	145.390 -		
WESTON	WC8K	147.165 +		☺
WHEELING	W8ZQ	146.760 -		☺
WILLIAMSON	WR8M	145.330 -		☺

220 MHZ

BECKLEY	N8FWL	224.240 -	PROP	☺
CHARLESTON	WB8YST	224.360 -	T107.2	☺
FLAT TOP/WINTRPL.	WV8B	224.120 -		☺
WILLIAMSON	WR8M	224.140 -		☺

440 MHZ

BECKLEY	N8FWL	443.475 +	PROP	☺
BECKLEY	N8LVE	444.125 +	T	
BECKLEY/BOLT	W8LG	442.300 +		☺
BECKLEY/OAK HILL	WV8B	444.800 +		☺
BECKLY/OAK HILL	KE4QOX	443.100 +	107.2	
BELINGTON	N8SCS	444.900 +		
BLUEFIELD	W8MOP	444.450 +		☺
BUCKHANNON	N8ZAR	444.250 +		

INDEX LISTINGS - BY STATE - BY CITY . . . continued

W. VIRGINIA REPEATERS CONTINUE

CHARLESTON	WV8AR	444.225 +	T123.0	☺
CHARLESTON	WB8YST	444.350 +	T107.2	☺
CLARKSBURG	N8FMD	444.175 +	T103.5	☺
FAIRMONT	W8SP	443.875 +		
FLATTOP/EGERIA	W8ARA	444.400 +	100.0	☺
FLATWOODS	N8ZVK	444.200 +		☺
GASSAWAY	K8WGB	444.675 +	T123.0	☺
GLENVILLE	KA8ZXP	444.325 +		☺
HUNTINGTON	WB8EZR	443.000 +		☺
HUNTINGTON	KB8TGK	443.850 +	T88.5	
HUNTINGTON/CHAS	AA8MR	444.850 +		☺
HURRICANE	K8OJC	444.075 +		
HURRICANE	W8HYX	444.500 +	PROP	
KEENY MTN	KF8FO	444.725 +	T103.0	☺
KEYSER	N8RCG	444.125 +		☺
LOGAN	KE4QOX	444.900 +	T	☺
MORGANTOWN	K8LG	444.700 +		
MORGANTOWN	W8CUL	444.800 +		☺
MULLENS	KC8IT	444.000 +		☺
OAK HILL	NM8T	443.300 +		☺
OAK HILL	KA8OTX	443.800 +		☺
PRINCETON	KB8UJG	443.700 +	T123.0	☺
RIPLEY	KC8AOF	444.150 +	PROP	
SHIRLEY	KB8TJH	444.425 +	T	☺
SO. CHARLESTON	WB8CQV	444.950 +		
ST. ALBANS	K8MHR	443.150 +		☺
WELCH	N8SNY	443.725 +		☺
WESTON	N8FIP	443.975 +		☺
WESTON	WC8K	444.600 +		☺
WHEELING	KA8YEZ	443.025 +	T77.0	☺
WHEELING	N8EKT	444.975 +		

ATV REPEATERS

HUNTINGTON	WA4GSS	421.250 +
WHEELING	KB8QHO	421.250 +

FULL MEMBERS FROM NON SERA STATES

6 METERS

CONCORD, NH	KA1OKQ	53.590 -		☺

2 METERS

ANGOLA, IN	WB9AEI	147.105 +	T	☺
ANGOLA, IN	WB9AEI	147.180 +	T131.8	☺
CONCORD, NH	KA1OKQ	147.225 +	T100.0	☺
DELAND, FL	KF4DWF	147.045 +	T103.5	☺
HARRISONBURG, VA	N4RAG	147.225 +	T131.8	☺
LOGANSPORT, IN	W9VMW	145.230 -		☺
LOGANSPORT, IN	W9VMW	147.180 +	T77.0	☺
PLYMOUTH, IN	WA9INM	147.285 +	T131.8	☺
WINCHESTER, VA	N4RAG	145.210 -	T131.8	☺
WINCHESTER, VA	W4RKC	146.820 -		☺
WINFIELD, AL	KT4JW	147.040 +	T192.8	☺

220 MHZ

ALBANY, NY	K2AD	224.140 -		☺
CONCORD, NH	KA1OKQ	224.800 -	T103.5	☺

440 MHZ

ALBANY, NY	K2AD	444.000 +		☺
ANGOLA, IN	WB9AEI	444.900 +	T100.0	☺
CONCORD, NH	KA1OKQ	448.775 -	T82.5	☺
DALLAS, TX	KF5TU	442.350 +	T100.0	☺
EVANSVILLE, IN	AA9MM	443.400 +		☺
LOGANSPORT, IN	W9VMW	443.650 +		☺
MADISON, VA	N8HON	444.400 +		☺
MT EQUINOX, VT	K1DF	444.050 +		☺
PEMBROKE, NH	KA1OKQ	444.150 +		☺
PETERBORO, NH	KA1OKQ	443.350 +	T110.9	☺

920 MHZ

ALBANY, NY	K2AD	921.000 -		☺
MT. BEACON, NY	K1DF	921.200 -		☺

REPEATER LIST STATUS UNKNOWN

UNKNOWN REPEATER LISTS

The following list of repeaters are classified as "Unknown." By unknown, we mean that these listing have been purged from our main listing because we do not officially know if the repeaters indicated actually exist.

The SERA records department mails out datasheets for updates each year to all known repeaters and listings in the 8-state area. These "unknowns" have not been heard from in any form for a period of 3 or more years.

Various attempts to contact the persons responsible for the listings, in some cases have been unsuccessful. Other cases, owners refuse to cooperate. Any of the "Unknown" listings owners or trustees may get their listing removed from this "Unknown" area. Simply - contact our SERA Records department - ask for a datasheet. Upon receipt, fill it out completely and accurately, sign, and return it to SERA. The returned datasheet will then be passed to the individual Director of the State the listing is from, who will take steps to have the listing re-instated in the main SERA Repeater Database of listings.

Some listings in this "unknown" area may possibly be in some phase of being "de-coordinated" by the Director.

GEORGIA UNKNOWN LISTINGS

#HIGH HOUSE MTN	W4VWH	53.450 -	UNKN	
ATLANTA	K4CLJ	146.970 -	UNKN	
ATLANTA	WA4NNO	147.000 -	UNKN	
BRNSWK/JEKYLL IS	KB4PXX	145.410 -	UNKN	
COLUMBUS	KA4CEK	145.310 -	UNKN	
COLUMBUS	W4CVY	146.880 -	UNKN	
COMMERCE	KB4ZUN	147.225 +	UNKN	
COOLIDGE	N4JBF	145.170 -	UNKN	
#FORSYTH	W4STJ	147.915 -	UNKN	
LAGRANGE	WB4BXO	147.330 +	UNKN	
PINE MT/HAMILTON	WB4ULJ	145.190 -	UNKN	
ST. MARYS	KA4UUB	146.985 -	UNKN	
SWAINSBORO	K4VYX	146.790 -	UNKN	
VIDALIA	KE4ZZ	146.625 -	UNKN	
ATLANTA	N4BLR	224.280 -	UNKN	
BRUNSWICK	N3GLC	224.180 -	UNKN	
CLAYTON	KI4WR	224.720 -	UNKN	
TEMPLE	KC4NYV	224.300 -	UNKN	
THOMASVILLE	N4JBF	224.320 -	UNKN	
ATLANTA	WA4NNO	444.925 +	UNKN	
CONYERS	N4EMM	444.750 +	UNKN	
DACULA	KK4IN	443.550 +	UNKN	
DECATUR	WB4LBM	444.200 +	UNKN	
DULUTH	N2NOG	442.300 +	UNKN	
GRIFFIN	WB4DEB	443.900 +	UNKN	
HAMILTON	WB4ULJ	444.400 +	UNKN	
HAMPTON	WB4DEB	443.125 +	UNKN	
HIGH HOUSE MTN	KD4APP	443.200 +	UNKN	
JASPER	KB4MDE	443.425 +	UNKN	
MARIETTA	KM4BA	443.600 +	UNKN	
MARIETTA	KM4BA	443.700 +	UNKN	
MARIETTA	KM4BA	444.325 +	UNKN	
ROSSVILLE	N4PLP	442.125 +	UNKN	
THOMASVILLE	KD4POG	443.250 +	UNKN	
BRNSWK/JEKYLL IS	KB4PXX	421.250 +	UNKN	

KENTUCKY UNKNOWN LISTINGS

LOUISVILLE	WB4LBR	52.025 +	UNKN	
#COVINGTON	WR8CRA	145.410 -	UNKN	☺
HARLAN	WA4ZAC	147.105 +	UNKN	
#LITCHFIELD	KB4NFK	147.225 +	UNKN	
#MARION	KA4FGA	147.285 +	UNKN	
#PROVIDENCE	N4IUI	147.330 +	UNKN	
PIKEVILLE	WB4F	224.580 -	UNKN	
LOUISVILLE	WB4ZZD	444.300 +	UNKN	

MISSISSIPPI UNKNOWN LIST

BILOXI	K5TYP	146.790 -	UNKN
CHATAWA	WB5GOJ	145.310 -	UNKN
COLUMBIA	N5SPF	147.285 +	UNKN
COLUMBUS	KA5LVU	145.430 -	UNKN
COLUMBUS	KA5GOU	147.000 +	UNKN
CORINTH	KA5RPB	145.390 -	UNKN
GREENVILLE	WA5MBA	146.820 -	UNKN
GREENWOOD	KA5TQY	146.715 -	UNKN
ISOLA	KC5OB	146.955 -	UNKN
IUKA	WB5MFK	146.850 -	UNKN
KOSCIUSKO	W5LWC	146.850 -	UNKN
LAUREL	WV5D	147.030 -	UNKN
PASCAGOULA	N5AAY	146.880 -	UNKN
PONTOTOC	WB5NAY	147.380 +	UNKN
PORT GIBSON	KE5WO	146.625 -	UNKN
STARKVILLE	KF5C	146.805 -	UNKN
ACKERMAN	NM5D	224.780 -	UNKN
ACKERMAN	NM5D	224.820 -	UNKN
BILOXI	K5TYP	224.500 -	UNKN
CORINTH	KA5RPB	224.520 -	UNKN
ACKERMAN	NM5D	443.650 +	UNKN
ACKERMAN	NM5D	444.900 +	UNKN
INDIANOLA	AB5DU	444.850 +	UNKN
JACKSON, EAST	AA5RZ	443.625 +	UNKN
NATCHEZ	N5IAT	443.800 +	UNKN

NO. CAROLINA UNKNOWN LIST

BALD CREEK	N1BEC	29.660 -	UNKN
BALD CREEK	N1BEC	53.030 -	UNKN
SAURATOWN MT	N4QLX	53.210 -	UNKN
AHOSKIE	WB4YNF	145.130 -	UNKN
ASHEVILLE/FLATTP	N4OOC	147.180 +	UNKN
BALD CREEK	N1BEC	147.045 +	UNKN
CRWDRS MT/GAST	WD4PLY	145.450 -	UNKN
EDEN/STONEVILLE	WA4QBG	147.390 +	UNKN
MARION	WD4PVE	146.985 -	UNKN
MORG WALKER TOP	N4OOC	147.225 +	UNKN
TUCKASEGEE	KA4YGX	147.300 +	UNKN
BALD CREEK	N1BEC	224.120 -	UNKN
HENDERSONVILLE	N4UQS	224.960 -	UNKN
AHOSKIE	WB4YNF	444.200 +	UNKN
BALD CREEK	N1BEC	444.875 +	UNKN
BOONE	WB4WTC	443.825 +	UNKN
CHARLOTTE	KD4OWV	443.950 +	UNKN
CROWDERS MTN	KD4FRP	443.675 +	UNKN
HICKORY	K4JEQ	444.000 +	UNKN
MORG. WALKER TOP	N4OOC	442.300 +	UNKN
SALISBURY	K0SD	444.575 +	UNKN

SO.CAROLINA UNKNOWN LIST

CHARLESTON	KD4PBC	146.940 -	UNKN
COLUMBIA	WB4NEP	146.715 -	UNKN
COLUMBIA	N4EOY	147.360 +	UNKN
GREENWOOD/HOD	KB4CS	145.130 -	UNKN
SUMMERTON	N4LWY	145.150 -	UNKN
SUMTER/SHAW	W4VFR	147.060 +	UNKN
COLUMBIA	N4EOY	224.900 -	UNKN
SUMTER/SHAW	W4VFR	224.660 -	UNKN
CHARLESTON	KD4PBC	444.950 +	UNKN
COLUMBIA	N4EOY	443.000 +	UNKN
FLORENCE	N4JJ	444.000 +	UNKN
SUMTER	WA4UMU	423.250 +	UNKN
GUTHRIE (TN/KY)	KA4ZKL	53.230 -	UNKN

TENNESSEE UNKNOWN LIST

BRISTOL	WD4CYZ	146.880 -	UNKN
CHARLESTON	KD4LDU	147.060 -	UNKN
HENDERSONVILLE	K4UVH	147.345 +	UNKN
LAFOLLETTE	KA4OAK	145.130 -	UNKN
LAFOLLETTE	KA4OAK	147.360 +	UNKN
LAKE CITY	WB4OAH	146.820 -	UNKN
MORRISTOWN	WB4OAH	147.225 +	UNKN
NASHVILLE	K4AYN	147.045 +	UNKN
RIDGETOP	WD4FFM	145.290 -	UNKN
SAVANNAH	WB4DQU	146.910 -	UNKN
SHORT MTN	W4YXA	146.910 -	UNKN
WALLAND	KB4PIO	146.685 -	UNKN
CLEVELAND	KK4US	224.320 -	UNKN
LAFOLLETTE	KA4OAK	224.280 -	UNKN
MORRISTOWN	N4RBB	224.400 -	UNKN
MORRISTOWN	KC4RGQ	224.640 -	UNKN
COOKEVILLE	N4UBR	442.300 +	UNKN
FRANKLIN	N4ULM	443.850 +	UNKN
JACKSON	WB4EPG	442.800 +	UNKN
JACKSON	WB7BOX	444.875 +	UNKN
#MORRISTOWN	KD4LP	444.800 +	UNKN
NASHVILLE	KD4EEW	439.250 +	UNKN

VIRGINIA UNKNOWN LIST

RICHMOND	WA4ONG	224.520 -	UNKN

W.VIRGINIA UNKNOWN LIST

BUCKHANNON	N8ZAR	146.850 -	UNKN
LEON	WD8OHX	147.180 +	UNKN
SPENCER	WT8Z	147.105 +	UNKN
ST MARYS/BENS R	WB8ECC	147.030 +	UNKN
WHEELING	WB8JGY	145.190 -	UNKN
#LEON	WD8OHX	223.780 -	UNKN

SERA REPEATER INDEX LISTINGS BY FREQUENCY

SUB-TONE ACCESS FREQUENCY, IF USED BY REPEATER, IS LISTED

10 METERS

29.6000 / 29.6000			
W4CM	NEWPORT NEWS		VA
29.52 0 / 29.6200			
KF4XH	#MACON		GA
29.5200 / 29.6200			
KQ4XL	MONROE		GA
WA5WRE	POPLARVILLE		MS
WB4IUY	WENDELL		NC
KC4XE	WILKESBORO		NC
W4ZJM	MEMPHIS	*#	TN
KA8OTX	BECKLEY		WV
29.5400 / 29.6400			
N4NEQ	ATL/MARIETTA	118.8	GA
KK4CZ	LOUISVILLE		KY
AE4XJ	WAKE FOREST		NC
W4CAT	GALLATIN/BNA	107.2	TN
WB4NKM	GREENEVILLE		TN
WB8CQV	CHARLESTON		WV
29.5600 / 29.6600			
K4GRW	NEWPORT		NC
KQ7E	SUMTER		SC
WA4YGM	UNION CITY		TN
WA8YWO	RICHWOOD	100.0	WV
29.5800 / 29.6800			
AI8H	CONYERS		GA
N4BZJ	DALTON		GA
WW4DC	THOMASVILLE	88.5	NC
WZ8E	BLUEFIELD/ONEIDA		VA

6 METERS

52.5500 / 51.5500			
WB4JEH	#CONYERS	151.4	GA
51.2000 / 51.7000			
WA4YNZ	#CUMMING		GA
52.5250 / 52.5250			
WW4DC	THOMASVILLE	88.5	NC
52.0100 / 53.0100			
WA4YNZ	#ROSWELL		GA
KF4DTJ	ASHLAND		KY
N5EKR	ELLISVILLE		MS
K4GRW	NEWPORT		NC
KE4QOX	THOMASVILLE	88.5	NC
N0WFL	BLYTHEWOOD		SC
WD4SBX	GRAY/HOLSTN MT		TN
WA4KOG	MEMPHIS		TN
WA4BGK	NASHVILLE	114.8	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
52.0300 / 53.0300			
KF4FTD	MORRISTOWN		TN
NA4I	AUGUSTA		GA
52.0500 / 53.0500			
WA4PXV	#GRANDFATHER MT		NC
N4JEH	ROCKY MOUNT		NC
WA4BGK	GALLITAN	114.8	TN
52.0700 / 53.0700			
WB4AEG	CARTERSVILLE	123.0	GA
N4TPL	MONTICELLO	100.0	KY
KD4FWS	MOUNT AIRY	100.0	NC
WB4IUY	WENDELL		NC
KB4MIC	GUM SPRING		VA

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SERA REPEATER STATE INDEX LISTINGS BY FREQUENCY - Continues

52.0900 / 53.0900			
KD4DKW	ATL/MARIETTA	118.8	GA
WB4PLA	MARS HILL		NC
KF4IXW	REELSBORO	162.2	NC
WB8BON	ROANOKE/POOR MT		VA
52.1100 / 53.1100			
N4XTF	GASTONIA/CRWDR		NC
KD4BGD	LUMBERTON		NC
WD4GYN	OAK RIDGE		TN
KB4YKV	AMELIA COURTHSE		VA
N8CQQ	FLATWOODS		WV
52.1300 / 53.1300			
N4BZJ	DALTON		GA
N4EQT	LAWRENCEBURG	107.2	KY
WA4FOT	HENDERSONVILLE	131.8	NC
WB4GJG	DANVILLE(DCC)		VA
52.1500 / 53.1500			
WB4IOB	KNXVL/ENG MT		TN
N4CH	BEDFORD/THAX MT		VA
52.1700 / 53.1700			
N4RBT	CLEVELAND		GA
WW4DC	THOMASVILLE	88.5	NC
KE4SFU	RICE		VA
KE4QOX	LOGAN		WV
52.1900 / 53.1900			
KN4AS	LITTLE MOUNTAIN	156.7	SC
WA4UCE	COOKEVILLE		TN
WA8WDK	ALDERSON		WV
52.2100 / 53.2100			
N1KDO	MARIETTA		GA
N4WWB	GATE CITY		VA
K8WGB	GASSAWAY	123.0	WV
52.2300 / 53.2300			
KD4JFN	PITTSBORO	107.2	NC
KQ4E	MORRISTOWN		TN
52.2500 / 53.2500			
KF4BMG	MARIETTA		GA
WA4PEN	RALEIGH		NC
WA4YON	#KNOXVILLE		TN
KT4QW	NEWPORT NEWS	100.0	VA
N4CH	ROANOKE		VA
52.2700 / 53.2700			
KA4UHL	NANCY	100.0	KY
N4DRL	BYHALIA		MS
KD4GEU	MARSHALL		NC
KC4GYM	GILBERT	162.2	SC
52.2900 / 53.2900			
KE4PN	PINE LOG MT.	198.2	GA
52.3100 / 53.3100			
KD4SQB	ROAN MTN		TN
KB8TJH	SHIRLEY		WV
52.3300 / 53.3300			
KD4FVI	CRAWFORD	88.5	GA
AD4CC	HIGHLAND HEIGHTS.		KY
N4ZHC	CLINTON		NC
52.3500 / 53.3500			
WR4BEG	SOPHIA/RANDELMN		NC
NU5O	MCNAIRY	107.2	TN
52.3700 / 53.3700			
KD4MYE	YOUNGSVILLE	88.5	NC
52.3900 / 53.3900			
KA4UFM	DECATUR		GA
KF4XH	#MACON		GA
KE4RKF	WAYNESBURG	100.0	KY
KC4YOZ	#RANLO	107.2	NC
WB3R	AMELIA		VA
52.4100 / 53.4100			
WA1YYN	EFLAND	107.2	NC
KO4MZ	GVL/CSR'S HEAD	131.8	SC
52.4300 / 53.4300			
KC4ZIZ	BOLINGBROKE		GA
WA4DBY	LOUISVILLE	151.4	KY
AD4DN	WILMINGTON	88.5	NC
K4GX	KINGSPORT		TN
KD4SUU	CHESTERFIELD		VA
52.4500 / 53.4500			
W4UNC	CHAPEL HILL		NC
52.4700 / 53.4700			
N4UOX	DOUGLASVILLE	88.5	GA
N4OOC	ASHEVILLE		NC
KE4JYN	PEARISBURG	107.2	VA
52.5500 / 53.5500			
WB4JEH	CONYERS	151.4	GA
N4OQJ	KNOXVILLE	100.0	TN
K4RDK	MEMPHIS		TN
52.5700 / 53.5700			
KD4AOZ	WATKINSVILLE		GA
KE4LGL	LEXINGTON		KY
KE4KEH	LYNCHBURG		VA
52.5900 / 53.5900			
KF4IWA	MOUNTAIN REST		SC
WB8YST	BECKLEY	107.2	WV
52.6300 / 53.6300			
KD4LBU	MT MITCHELL	100.0	NC
WB8YST	CHARLESTON	107.2	WV
52.6500 / 53.6500			
KC4SBJ	ROCKY MOUNT		NC
KB4YFV	WHITE TOP MTN		VA
52.6700 / 53.6700			
WA4WRS	BARIUM SPRINGS		NC
52.7100 / 53.7100			
WB8YST	RICHWOOD	107.2	WV
51.2200 / 53.7300			
K4YC	IVEY	67.0	GA
52.7500 / 53.7500			
W4YWH	HIGHLAND HEIGHTS.		KY
WA4PXV	#WEST JEFFERSON		NC
K4GX	#ROGERSVILLE	114.8	TN
N8PEI	MARMT/CHARLSTN	141.3	WV
52.7700 / 53.7700			
W4GL	SUMTER		SC
52.8100 / 53.8100			
WD4KNE	STANTON		KY
W4EBM	FAYETTEVILLE		NC
52.8900 / 53.8900			
KB0Y	LAKE PARK	141.3	GA
WA4OHX	HAMPTON		VA
52.9700 / 53.9700			
KD4FWS	MT AIRY	100.0	VA
52.5250 / 145.2100			
N4ARK	NASHVILLE		TN

2 METERS

144.6100 / 52.5250			
N4ARK	NASHVILLE		TN
144.5100 / 145.1100			
KK4HL	AUGUSTA		GA
N4MXC	COCHRAN	107.2	GA
KR4HV	DOUGLASVILLE	88.5	GA
KC4UPE	LEESBURG	192.8	KY
K5HYE	MENDENHALL	100.0	MS
KC5NIX	OKOLONA		MS
W5WA	PASCAGOULA	123.0	MS
KB4TOH	COLUMBIA	131.8	NC
KR4RR	ROBBINSVILLE	151.4	NC
KD4MYE	YOUNGSVILLE	88.5	NC
WB4TWX	FORT MILL		SC
W4GS	MYR BCH/CONWAY		SC
NQ4Y	COOKEVILLE		TN
WD4SBX	GRAY	100.0	TN
KD4GCT	JACKSON		TN
N4ARK	NASHVLE/FAIRVIEW		TN
K4YPE	RICHMOND		VA
N8RV	FROST		WV
K8SA	SALT ROCK		WV
144.5300 / 145.1300			
K4SEX	NEWNAN	111	GA
KB0Y	VALDOSTA	141.3	GA
N4RBL	LOUISVILLE AREA	151.4	KY
KJ4VF	MOREHEAD		KY
W4ATC	RALEIGH	88.5	NC
K4JR	SUMTER		SC
K4CMY	CHATTANOOGA		TN
N4SSB	GALLATIN	107.2	TN
KF4SCT	MEMPHIS	107.2	TN
N4VL	GALAX/LKOUT MT	103.5	VA
KB8EUN	GLENVILLE		WV
144.55 0 / 145.1500			
K8VE	PHILIPPI		WV
144.5500 / 145.1500			
W4AQL	ATLANTA		GA
K4YC	IVEY/MACON		GA
N4TLK	MONTICELLO		KY
AD4BI	PIKEVILLE		KY
K5LFP	PICAYUNE		MS
K2IMO	ELM CITY	88.5	NC
W4GSO	GREENSBORO		NC
KE4ZTD	HATTERAS ISLAND	131.8	NC
W4NHV	#LUMBERTON		NC
W4WBT	#FORT MILL		SC
WD8OXE	INMAN		SC
W4RJC	DECATUR-PONE KB		TN
W4XS	FRANKLIN		TN
K0JXI	MEMPHIS		TN
K4ARO	GREENBAY		VA
KA4IXK	RADFORD/RINER		VA
144.5700 / 145.1700			
WA4DIW	JONESBORO		GA
W8PRH	HALLS GAP		KY
N5DWU	PETAL	136.5	MS
K4ZO	ANDSN MT/DENVER		NC
N4CTJ	LELAND		NC
N4NCK	OXFORD		NC
KY4S	AIKEN		SC
KF4SCT	BRUCETON	107.2	TN
WB4GBI	KNOXVILLE		TN
WB4LHO	MURFREESBORO		TN
WA4ZUA	NORFOLK	136.5	VA
WV8B	BECKLEY/BOLT	100.0	WV
144.5900 / 145.1900			
WB6RTH	#ATLANTA	77.0	GA
WA4EQL	JESUP		GA
WB0QGH	LAWRENCEVILLE	82.5	GA
KB4SQI	SALYERSVILLE	127.3	KY
K5YD	BOONEVILLE		MS
W5CJR	HATTIESBURG	136.5	MS
KA4SQN	JACKSONVILLE		NC
WA4BVW	MT MITCHELL		NC
K4GWH	RALEIGH	156.7	NC
N0YVN	COLUMBIA		SC
N4OTT	CARTHAGE		TN
KD4XX	JASPER	127.3	TN
WB3R	AMELIA		VA
WB8YJJ	RICHWOOD		WV
144.6100 / 145.2100			
KC4RRO	EASTMAN		GA
W4PSZ	FAYETTEVILLE		GA
W8PRH	LEXINGTN/GRGTWN		KY
KB5IKR	MENDENHALL	100.0	MS
K4OLC	HIGH PEAK MTN		NC
WB4TQD	TRENTON		NC
KE4VD	LEXINGTON		SC
W4BBB	KNOXVILLE/RACK	100.0	TN
W2GLJ	MEMPHIS		TN
N4ARK	NASHVILLE		TN
W2MS	KILMARNOCK		VA
KC4UBU	POUND	103.5	VA
WB4QOJ	ROANOKE/POOR MT.		VA
WB8FEQ	HUNTINGTON		WV
144.6300 / 145.2300			
WB4JEH	CONYERS	151.4	GA
KB0Y	CORDELE	141.3	GA
KS4BS	DALTON		GA
WD4COL	WAYNESBORO		GA
W8PRH	LOUISVILLE		KY
N4VBH	BEULAVILLE		NC
W4UNC	CHAPEL HILL	131.8	NC
W4BFB	CHARLOTTE		NC
KE4NTL	JACKSON	114.8	TN
W4CAT	LAVERNE		TN
KB4KIE	MAYNARDVILLE		TN
N4CH	BEDFORD		VA
W4MT	NEWPORT NEWS	100.0	VA
N8FWL	BECKLEY/OAK HILL	100.0	WV
144.6500 / 145.2500			
N4YYD	CHATSWORTH	71.9	GA
K4YC	IVEY/MACON		GA
KC4ZY	LEXINGTON		KY
N4GGD	GREENSBORO/LVLX		NC
WA4USN	CHARLESTON		SC
K4USC	UNION		SC
KT4WS	CARLISLE		TN
N4WXS	ERWIN/PINNACLE		TN
KD8XK	BLUEFIELD	100.0	VA
KQ4RH	MONTPELIER		VA
144.6700 / 145.2700			
KT4X	SANDERSVILLE	77.0	GA
KE4PN	WALESKA/PNLGMT	103.5	GA
N4KJU	PAINTSVILLE		KY
KD4BOH	ROCKPORT		KY
N5NBG	WALLS	162.2	MS
KB5DZJ	WIGGINS	136.5	MS
K4ROK	FARMVILLE	131.8	NC
WA4KNI	HENDSVL/BERWLW		NC
KM4AR	MIDWAY	77.0	NC
KC4GYM	COLUMBIA	127.3	SC
WB4WZK	HENDERSONVILLE		TN
KD4CLA	PIGEON FORGE	100.0	TN
KC4SKE	MARION	103.5	VA
N8FMD	BIRCH RIVER	103.5	WV
144.6900 / 145.2900			
W4IBM	ATLANTA		GA
NA4I	AUGUSTA		GA
WR4MG	PERRY	107.2	GA
WD4ELX	LOUISVILLE	151.4	KY
N4VOS	STANTON		KY
KC5KLW	OXFORD		MS
WJ5L	VICKSBURG		MS
W4BFB	CHARLOTTE		NC
KO4XC	CLAYTON		NC
WN3X	COINJOCK		NC
N4GGD	GREENSBRO/UNCG		NC
W4AM	CHATTANOOGA	67.0	TN
WB4SQC	JOHNSON CITY/HOL.		TN
N4UTN	RUSTBURG		VA
KA8ZXP	GLENVILLE		WV
144.7100 / 145.3100			
WA4JDR	STOCKBRIDGE		GA
KC4KZT	DAVID		KY
KC4WPM	BAKERSVILLE		NC
WD4IIP	LEXINGTON	88.5	NC
KD4KOJ	BEAUFORT		SC
N4ROS	CHESTER		SC
WA4PNI	ATHENS	141.3	TN
KF4SC	JACKSON		TN
KC4ECD	LAFAYETTE	151.4	TN
KD4KWP	CHESTERFIELD		VA
N8FCJ	BECKLEY/LAYLAND	100.0	WV
KB8TJH	SHIRLEY		WV
144.7300 / 145.3300			
KF4ODQ	EASTMAN	77.0	GA
WA4OGE	JONESBORO		GA
N4XGI	ST SIMONS ISLAND	131.8	GA
KF4INN	VERSAILLES		KY
N4DRL	BYHALIA		MS
KK5RK	GULFPORT		MS
KK4YP	GOLDSBORO	100.0	NC
N4VRD	MOUNT AIRY	100.0	NC
KF4JVI	TRYON		NC
WA4DFP	BAMBERG		SC
WD4DBJ	CUMBERLAND CITY		TN
WA4TEM	KNOXVILLE		TN
KE4ZBH	FARMVILLE		VA
W4VB	NORFOLK		VA
WR8M	WILLIAMSON		WV
144.7500 / 145.3500			
W4DOC	ATLANTA	146.2	GA
W4GTA	LOOKOUT MTN	100.0	GA
AI4HB	RADCLIFF	173.8	KY
KD4DAX	WILLIAMSBURG		KY
KA5WMH	OLIVE BRANCH		MS
N5ZMZ	UTICA		MS
WA4AOS	CHARLOTTE		NC
WD4JPQ	GREENVILLE	131.8	NC
KE4OVN	DRESDEN	107.2	TN
WD4JYD	NOLENSVILLE		TN
N4AZJ	BLAND	103.5	VA
KF4LWH	SOUTH BOSTON		VA
W8GK	CHARLESTON	91.5	WV
W8SP	FAIRMONT	123.0	WV
144.7700 / 145.3700			
AA4UA	AUGUSTA		GA
KB4IZF	JASPER	100.0	GA
W4BKM	MACON		GA
KE4YVD	RICHMOND	192.8	KY
KA5NNX	HATTIESBURG		MS
N5PYQ	SOUTHAVEN	107.2	MS
N4AGN	N. WILKESBORO		NC
N4NCK	OXFORD		NC
K4PPD	SHALLOTTE		NC
KB4KIE	KNOXVILLE		TN
WR3S	NASHVILLE		TN
W4HZL	GLOUCESTER	100.0	VA
KC4RBA	LYNCHBURG		VA
N8TNB	BECKLEY/EOC		WV
K8VNQ	PARSONS	118.8	WV
144.7900 / 145.3900			
K4HYB	GRIFFIN	88.5	GA
WF4N	#CENTRAL CITY		KY
N4EQT	LAWRENCEBURG	107.2	KY
WD8IFH	SO. PORTSMOUTH		KY
KB5KGE	JACKSON		MS
N4ZVN	MONROE/UCARS		NC
K4ITL	ROSEBORO		NC
WB4FOH	#CANADYS		SC
W4AM	CHATTANOOGA		TN
W4WC	GREENEVILLE		TN
WB4DOR	LEBANON		TN
K4ARO	ROANOKE/POOR MT	107.2	VA
WD8EOM	WESTON		WV
144.8100 / 145.4100			
W4PME	ATLANTA/BELL		GA
NA4I	AUGUSTA		GA
WA4MXO	JACKSON		KY
KC5IF	D'IBERVILLE		MS
N5DWU	MERIDIAN	136.5	MS
N4XO	HIGH POINT		NC
KA4KNU	WILLIAMSTON	131.8	NC
N4VIH	DOVER		TN
WB4NKM	GREENEVILLE		TN
NQ4Y	HOBBS HILL/TRACY	114.8	TN
K5FE	MEMPHIS	107.2	TN
KF4ADM	WILLIAMSBURG		VA
N8FHE	BUCKHANNON		WV
WV8AR	LIBERTY	123.0	WV
W8IFL	UNION		WV
144.8300 / 145.4300			
K4LCI	ATLANTA		GA
KA4EIM	JESUP		GA
AA4RI	MACON		GA
KA5BEE	GLOSTER	136.5	MS
KU4W	RAEFORD	118.8	NC
K4QFQ	SPARTA/GREEN MT		NC
KF4GHC	GILBERT	156.7	SC
KB4YTU	BROWNSVILLE		TN
KF4SCT	BUCKSNORT	107.2	TN
WA4UCE	COOKEVILLE		TN
WB4YLC	KNOXVILLE		TN
AD4OV	COEBURN	103.5	VA
W4SQT	RICHMOND		VA
K8LG	MORGANTOWN		WV
144.8500 / 145.4500			
W4BOC	DECATUR		GA
KC4TX	LEXINGTON		KY
N5ZQC	SHARON	100.0	MS
WR4AGC	DURHAM		NC
K4GRW	NEWPORT		NC
WD4EOG	CLEMSON UNIVERSI		SC
K4SIR	BENTON		TN
WA4KOG	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KF4GHD	#MT PLEASANT	127.3	TN
AA4HQ	SALUDA		VA
N8LGY	GRANTSVILLE	103.5	WV
WB8SXZ	WELCH		WV
144.8700 / 145.4700			
KD4HMH	BONAIRE		GA
KF4UM	RICEBORO		GA
N4CLA	SWEAT MT/MARIETT.		GA
WB4GGH	BARDSTWN/NELSN		KY
WA4WMM	MAYSVILLE		KY
NU50	OXFORD	107.2	MS
W4OIX	#KINSTON		NC
W4NC	SAURATOWN MT	100	NC
KN4RG	GAFFNEY	141.3	SC
KI4CB	MYR BCH/CONWAY	179.9	SC
WB4GBI	KNOXVILLE		TN
KF4RBR	MOUNTAIN CITY		TN
N4ARK	NASHVILLE		TN
N4ZCM	SOUTH HILL		VA
W8FG	SUMMERSVILLE	146.2	WV
144.8900 / 145.4900			
W4DV	AUGUSTA		GA
KA4WUJ	CORDELE	103.5	GA
W4LMA	MARIETTA		GA
W4KVK	HENDERSON		KY
WB4CWF	LEXINGTON		KY
N5DWU	RICHTON	136.5	MS
N5VGK	TUPELO		MS
NT4K	FRANKLIN		NC
WB4IKY	#GIBSONVILLE	107.2	NC
K4BWC	RALEIGH	88.5	NC
W4APE	CHERAW		SC
WA4KOG	BRADEN		TN
WB4LHO	MCMINVL/SHT MT		TN
W8MOP	BLUEFIELD		VA
WA4OHX	HAMPTON		VA
W8MOP	BLUEFIELD		WV
WV8G	PARKERSBURG		WV
146.0100 / 146.6100			
W4CVY	COLUMBUS		GA
WB4JEH	CONYERS	151.4	GA
WD4KWV	CORBIN		KY
KC4FRA	MADISONVILLE		KY
KC5KPP	LAUREL		MS
K4SNI	GREENSBORO	88.5	NC
WD4JMS	NEW BERN	100.0	NC
WB4TOP	RALEIGH	131.8	NC
KC4WIF	ELLOREE	118.8	SC
W4NYK	GRNVLE/CSRS HD		SC
W4AM	CHATTANOOGA		TN
WA4PCD	NASHVILLE		TN
K4JP	ABINGDN/BRMLY MT		VA
WA4YSE	CHESAPEAKE		VA
W4WWQ	LYNCHBURG		VA
WB8MZI	GASSAWAY		WV
146.0250 / 146.6250			
WA4UPE	ATL/UNION CITY		GA
N4UJT	ELBERTON		GA
K4ULW	WEBSTER	151.4	KY
N4WET	BANNER ELK/SUGAR		NC
K4USB	BUXTON	131.8	NC
KI4RR	LAURINBURG		NC
AC4IP	CHESTER		SC
WB4GBI	KNOXVILLE	100.0	TN
N4ABU	MARTIN		TN
WV8B	FLAT TOP/WINTRPL	100.0	WV
146.0400 / 146.6400			
WB4QGR	ATLANTA		GA
W4FWD	CARROLLTON	131.8	GA
AE4PO	WAYCROSS	141.3	GA
WA4UXJ	CANE VALLEY		KY
WA4YZY	#PINEVILLE	100.0	KY
KB5RZP	MADISON		MS
WB5NAY	MOOREVILLE		MS

SERA REPEATER STATE INDEX LISTINGS BY FREQUENCY - Continues

WB4YAO	HENDERSONVILLE		NC
W4DW	RALEIGH		NC
W4NC	WINSTON-SALEM	100	NC
W4GL	SUMTER		SC
KA4QYI	HARRIMAN	100.0	TN
WB4KQQ	MEMPHIS		TN
WB4NTM	NASHVILLE W		TN
W4WIC	FINCASTLE		VA
N4QLF	MARION	103.5	VA
WB4QEY	RICHMOND		VA
WB8EZR	HUNTINGTON/CHAS		WV
146.0550 / 146.6550			
N4NFP	ATLANTA/MARIETTA	118.8	GA
W4WSM	BOWLING GREEN-SO		KY
WD4DZC	#DANVILLE		KY
K4CUW	PADUCAH		KY
K4CEB	CONCORD/KANNAP.		NC
WA4VTX	ELIZABETH CITY		NC
KD4KOJ	BEAUFORT		SC
KD4AOK	BROWNSVILLE		TN
KM4ME	LAWRENCEBURG		TN
W4OLB	MARYVILLE/ALCOA		TN
WA4ISI	ALTAVISTA		VA
N8ZPX	FLATWOODS	123.0	WV
N8SNW	IAEGER		WV
146.0600 / 146.6600			
W4BKM	MACON		GA
146.0700 / 146.6700			
W4ABP	GAINESVILLE	131.8	GA
K4VHF	HAZARD		KY
W4KBL	PRINCETON		KY
K5DGL	NEW ALBANY		MS
KB5ZCX	PURVIS		MS
K4FHB	BURLINGTON		NC
WA4BKU	FOREST CITY		NC
AD4DN	WILMINGTON	88.5	NC
AD4U	ST. MATTHEWS	156.7	SC
W4UD	BRISTOL		TN
K4BGW	LAFOLLETTE/WMT		TN
WB4NTM	NASHVILLE W		TN
K4HZS	DUBLIN		VA
W4NTG	WILLIAMSBURG		VA
WD8JNU	RAVENSWOOD		WV
146.0850 / 146.6850			
WD4IWL	ADAIRSVILLE		GA
KB4VAG	FAYETTEVILLE		GA
KE4ISR	LEXINGTON		KY
K4DC	OWENSBORO		KY
W5KHB	NATCHEZ		MS
W4NBR	GRIFTON		NC
KE4WSX	STATESVILLE		NC
KB4CO	NEWBERRY		SC
WA1ZMS	BEDFORD/APL ORCH	100.0	VA
N8FMD	CLARKSBURG	103.5	WV
WB8NAM	DANVILLE		WV
146.1000 / 146.7000			
W4MM	ALBANY		GA
W4OOM	JASPER		GA
KF4WNZ	LAGRANGE		GA
WB4DOJ	MILLEDGEVILLE	67.0	GA
KK4TO	SAVANNAH		GA
KY4KY	BROOKS	151.4	KY
KF4JO	GRAYSON		KY
WB4FUR	BAY ST. LOUIS		MS
W5LV	GRENADA		MS
W5FQ	MERIDIAN		MS
KD4GLB	CROSSNORE		NC
N4CID	DUNN		NC
W4PAX	LANCASTER		SC
KF4FOF	PICKENS		SC
KF4BVQ	ANDERSON CTY	100.0	TN
W4UOT	MANCHESTER	114.8	TN
WB4MMI	RAMER	107.2	TN
WA4YGM	UNION CITY		TN
K4AU	DANVILLE/WHT OAK		VA
KF8PT	NORFOLK		VA
KK4QS	PENNINGTON GAP		VA
KD4WWF	STAUNTON	131.8	VA
146.1100 / 146.7100			
KF4FO	HOPKINSVILLE		KY
146.1150 / 146.7150			
K4NVG	LAVONIA	100.0	GA
W4ABZ	RINGGOLD	67.0	GA
KI4B	BEREA		KY
KD4JFN	HAW RIVER	107.2	NC
N4GGN	MILLERS CREEK		NC
KB4JUB	SALTILLO		TN
AB9I	BLACKSBURG		VA
KA4DZU	WALKERTON		VA
KD8GL	SHERRARD		WV
146.1300 / 146.7300			
W4MM	ALBANY		GA
KD4NC	ATLANTA/SWEAT MT.		GA
K4TVE	BRUNSWICK		GA
AC4AO	LEXINGTON		KY
AA4NI	#NEBO		KY
KC5IF	BILOXI		MS
W5VZF	STARKVILLE		MS
K4BWC	RALEIGH	88.5	NC
W4EXU	SALISBURY	94.8	NC
W4VNK	WILMINGTON		NC
K4NAB	N. AUGUSTA		SC
WD4BJY	SIMPSONVILLE		SC
WB4IOB	KNXVL/ENG MT		TN
KE4LFZ	MEMPHIS	107.2	TN
WA4KPA	WATERTOWN	100.0	TN
W4QR	HAMPTON		VA
WB8SPW	LEWISBURG	100.0	WV
146.1450 / 146.7450			
WA4BKF	ATHENS		GA
WA4TTC	GREENVILLE		KY
KD4RTR	MILLARD	141.3	KY
NN4N	DILLON/PEE DEE		SC
WB4RCK	DYERSBURG		TN
KC4WHL	HARRIMAN		TN
K4ROA	ROANOKE/POOR MT	107.2	VA
WF8U	PARKERSBURG (OH)		WV
146.1600 / 146.7600			
KS4QA	LOOKOUT MTN	67.0	GA
W4BOC	STONE MT	107.2	GA
KF4BJM	VALDOSTA	141.3	GA
K4KJQ	LEXINGTON		KY
K4CUW	PADUCAH		KY
W5AXQ	JACKSON		MS
WA4BVW	ASHVL/MT PISGAH		NC
K4GWH	GREENSBORO	88.5	NC
KO4S	SWANSBORO		NC
WB4THL	WILSON		NC
K4ESG	MT PLEASANT		SC
K4JP	BRISTOL/HLSTN MT		TN
WA4PCD	NASHVILLE	114.8	TN
WA4TFZ	CHARLOTTESVILLE	88.5	VA
KB4ZIN	WILLIAMSBURG		VA
W8VA	HUNTINGTON		WV
W8CUL	MORGANTOWN		WV
W8ZQ	WHEELING		WV
146.1750 / 146.7750			
N4NFP	MARIETTA	118.8	GA
KB4NA	WRENS		GA
W4PPM	MIDDLESBORO		KY
KJ4OG	TOMPKINSVILLE		KY
AE4SK	VANCEBURG		KY
W5CJR	HATTIESBURG	136.5	MS
KD4RAA	RALEIGH	88.5	NC
K4JYH	SOUTHPORT		NC
KF4GHC	FORT JACKSON	156.7	SC
KF4SCT	FRUITLAND	107.2	TN
KF4KVF	PULASKI/MUSIC MT		TN
WB3T	WYTHEVILLE	107.2	VA
KB8BWZ	ELKINS		WV
146.1900 / 146.7900			
KD4GEY	FOLKSTON		GA
WD4KOW	MOULTRIE		GA
K4SEX	NEWNAN	111	GA
W4YWH	HIGHLAND HEIGHTS.		KY
KA4UHL	NANCY	100.0	KY
K4OAR	CLINTON		NC
KK4AT	SAURATOWN MT	107.2	NC
N4AW	ANDERSON/SAS MT		SC
WA4USN	CHARLESTON		SC
W4AM	CHATTANOOGA		TN
W4ABR	JOHNSON CITY		TN
WA4HBY	MEMPHIS		TN
W4SQE	NASHVILLE		TN
N4SD	CHESAPEAKE		VA
NM8T	OAK HILL		WV
146.2050 / 146.8050			
KC4ZGR	MACON	77.0	GA
KA4NNE	GUTHRIE		KY
W8PRH	HAZARD		KY
KJ5OB	VICKSBURG		MS
N4EWG	#FAYETTEVILLE		NC
K4GNC	GASTONIA/CRWDR		NC
W4DCG	ROCKY MOUNT	118.8	NC
WM3O	ORANGEBURG	123.0	SC
WB4EYJ	CROSSVILLE		TN
WB4VXX	#LEWISBURG		TN
KB6BUL	SELMER		TN
WA4HTI	COVINGTON		VA
W4ML	MECHANICSVILLE		VA
147.4050 / 146.8050			
KC4AQS	CALHOUN/JASPER		GA
W4DJB	CANTON		NC
KF4EII	CLAYPOOL HILL	103.5	VA
146.2200 / 146.8200			
W4MM	ALBANY		GA
W4DOC	ATLANTA	146.2	GA
K4HVK	KIBBEE		GA
KF4DKJ	DRAKESBORO		KY
W4CMR	IRVINE	192.8	KY
K5HYE	MAGEE		MS
WB4PZA	ROARING GAP		NC
K4GMP	WILMINGTON	88.5	NC
W4NYK	GRNVLE/PARIS MT		SC
W4BS	MEMPHIS		TN
AB4SW	WINCHESTER		TN
N4WWB	GATE CITY		VA
WB8IFS	CHARLESTON		WV
146.2350 / 146.8350			
KC4GSS	THOMSON		GA
KC4ZOX	SALVISA	192.8	KY
WB4PLA	#ASHEVILLE		NC
W4PCN	NAGS HEAD/BODIE		NC
W4USH	WADESBORO		NC
KT4YW	CHARLESTON		SC
KB4YTM	HUNTINGDON		TN
W4LYR	WATERTOWN	100.0	TN
KK4EH	GRUNDY/BIG A MT		VA
N4UTN	RUSTBURG/LONG MT	173.8	VA
147.4350 / 146.8350			
N4KHQ	DAHLONEGA	100.0	GA
N5DWU	ELLISVILLE		MS
N4NNR	HIGH POINT		NC
146.2500 / 146.8500			
W4RPO	DALLAS		GA
KE4WAQ	SAVANNAH		GA
KF4KVE	WARNER ROBINS		GA
KM4IV	PIKEVILLE		KY
K5JMD	BUDE	103.5	MS
K4CYP	GOLDSBORO		NC
WA4DSZ	HICKORY/BRT. MT		NC
KE4YVP	REIDSVILLE	103.5	NC
W4ULH	FLORENCE		SC
WA4KJH	GTLBG/COVE MTN	127.3	TN
WA4KOG	MEMPHIS		TN
W4AY	NASHVILLE	114.8	TN
W4POX	PORTSMOUTH		VA
WA4ZBP	STAUNTON	131.8	VA
WA8WDK	BECKLEY/FLAT TOP		WV
146.2650 / 146.8650			
WB4DKY	MADISON	179.9	GA
KD4PWK	MADISON CO RACES		KY
KM4OF	OWENSBORO		KY
KD4HLH	LAURENS	107.2	SC
KF4DPU	CROSSVILLE		TN
KN4KP	TRENTON		TN
KC4UBU	NORTON	103.5	VA
147.4650 / 146.8650			
N5DWU	ELLISVILLE	136.5	MS
KE4EUH	MURPHY/STALCUP	151.4	NC
WA4ZRS	WAXHAW		NC
WZ8E	MOUNTAIN LAKE		VA
146.2800 / 146.8800			
W4BTI	MARIETTA/ATLANTA	100.0	GA
WA4NKL	QUITMAN		GA
W4HBB	SAVANNAH		GA
W4PF	LOUISVILLE		KY
KA4UHL	SOMERSET		KY
K5QNE	JACKSON	100.0	MS
WB4TQD	RALEIGH		NC
W4NYR	SHELBY		NC
WB4FOH	#ORANGEBURG	118.8	SC
KA4KVW	MEMPHIS		TN
WA4PCD	NASHVILLE		TN
W4SKH	OAK RIDGE		TN
WD4CYZ	BRISTOL		VA
W4RAT	RICHMOND		VA
WA4V	SALEM		VA
WB8CQV	SO. CHARLESTON		WV
146.2950 / 146.8950			
WA4RBS	HARTWELL	100.0	GA
N3SM	MACON	123.0	GA
K4JBV	FLORENCE	100.0	KY
KA4BLZ	LYNN GROVE	210.7	KY
W4APE	PAGELAND		SC
WD4EGD	DANDRIDGE		TN
N4RAG	#CHARLOTTESVILLE	131.8	VA
WA4KXV	VIRGINIA BEACH		VA
WB3T	WYTHEVILLE/BLAND	103.5	VA
147.4950 / 146.8950			
WD4LUQ	DALLAS	77.0	GA
KC4KZT	DORTON	141.3	KY
N5DWU	ELLISVILLE	136.5	MS
146.3000 / 146.9000			
WB4WVH	IRVINGTON		KY
146.3100 / 146.9100			
WB4HIG	C;EV,MD/LONG MT		GA
K4HYB	GRIFFIN		GA
K4GFY	MOREHEAD	123.0	KY
KS4TO	WADDY		KY
K5VV	HERNANDO		MS
K5OCM	NATCHEZ		MS
WA4ZGQ	AHOSKIE	131.8	NC
W4MOE	ASHVL/SPIVEY MT		NC
WB4YZF	FAYVLLE/CFARS	100	NC
K4IZM	LEXINGTON		NC
W4BWZ	WHITE HALL		SC
KC4ROG	KNOXVILLE		TN
N4RKM	FARMVILLE		VA
K4TUE	MT.LAKE/BALD KNB		VA
N8BQ	MCMECHEN		WV
146.3250 / 146.9250			
WA4ASI	COVINGTON		GA
N4PJR	JESUP		GA
W4BEJ	RADCLIFF		KY
WB5VOJ	CORINTH	107.2	MS
N5DWU	VOSSBURG		MS
KI5WK	WAYNESBORO	136.5	MS
W4APE	BISHOPVILLE		SC
W4GZX	CLEVELAND		TN
WA4TLZ	CUMBERLAND CITY	127.3	TN
WD4OBW	JONESBOROUGH		TN
WA4TFZ	CHARLOTTESVILLE		VA
WB4GJG	DANVILLE(DCC)	104.2	VA
WD8OGY	PRINCETON/PIPEST		WV
146.3400 / 146.9400			
KT4N	AUGUSTA		GA
W4VO	ROME/MT. ALTO		GA
WA4RVB	WRIGHTSVILLE		GA
KA4OIL	ASHLAND		KY
KY4X	GLASGOW	114.8	KY
K4MSU	MURRAY		KY
KB5DWX	AMORY	192.8	MS
KA5SBK	JACKSON	100.0	MS
K5JMD	MCCOMB		MS
W4DLH	BURGAW		NC
WA4IZG	BUTNER	156.7	NC
W4BFB	CHARLOTTE		NC
W4ACY	MANTEO/WANCHES		NC
AC4NZ	MOUNT AIRY	100.0	NC
W4IQQ	GREENVILLE	7	SC
WB4GBI	KNOXVILLE		TN
N4BSM	MEMPHIS	107.2	TN
K4UMI	HAMPTON		VA
W4ZA	RICHMOND		VA
N4AP	ROANOKE		VA
KD8AB	FENWICK		WV
W8CWO	WEIRTON		WV
146.3550 / 146.9550			
K5PRE	BLAIRSVILLE		GA
WR4MG	PERRY	107.2	GA
N5EKR	ELLISVILLE		MS
KD4WAR	BURNSVILLE		NC
K4RNC	ROCKINGHAM		NC
NT4L	#NASHVILLE	114.8	TN
WZ8E	BLUEFIELD/ONEIDA		VA
146.3950 / 146.9550			
KF4BRO	FLEMINGSBURG	107.2	KY
146.3700 / 146.9700			
W4HBB	SAVANNAH		GA
K4DPP	#HENDERSON		KY
W8PRH	STANTON		KY
N5PH	PASCAGOULA		MS
N5EYM	WINONA		MS
N4XRY	MOUNT AIRY		NC
K4WGG	SMITHFIELD		NC
WB3AZH	???		SC
N4AW	ANDERSON		SC
W4GEY	FLORENCE		SC
W4TRC	KNGSPT/BAYS MT		TN
WD4MWQ	MCMINNVILLE		TN
WA4RWK	MEDINA		TN
W4SKH	OAK RIDGE		TN
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH		VA
KJ8E	LOGAN/WRD RK MT		WV
N8NBL	PARKERSBURG (OH)		WV
146.3800 / 146.9800			
W4BEJ	ELIZABETHTOWN		KY
146.3850 / 146.9850			
NA4I	AUGUSTA	100.0	GA
KC4ZGN	ELLIJAY/TALONA M	77.0	GA
KN4FE	WARM SPRINGS		GA
N4SEI	#JONATHAN CREEK		KY
N5LRQ	COLLINS	136.5	MS
KB5DMT	SENATOBIA		MS
K4OGB	ALBEMARLE		NC
KC4PRD	NASHVILLE		TN
KK4MW	DANTE/HAZEL MTN	103.5	VA
W4CA	ROANOKE/POOR MT		VA
KF8LL	NEW MARTINSVILE		WV
146.3900 / 146.9900			
WB4LBI	#NICHOLASVILLE		KY
146.4000 / 147.0000			
K5UFH	CORINTH		MS
N5DXM	WATER VALLEY		MS
WD4FVO	JACKSONVILLE		NC
N0WFL	BLYTHWOOD		SC
W4YLT	MARION		SC
WB4YXZ	PICKENS		SC
KD4CWB	#KNOXVILLE	100.0	TN
WA4HMT	SUFFOLK	100.0	VA
K8WMX	ST ALBANS		WV
147.6000 / 147.0000			
WW4T	BOGART		GA
KE4LR	SHELBYVILLE		KY
KG4M	WILLIAMSBURG		KY
W5IQ	JACKSON		MS
WW4DC	THOMASVILLE	88.5	NC
WA4CBX	BLOUNTVILLE		TN
WD4SGA	CLARKSVILLE		TN
KA6UHV	COLLEGEDALE		TN
W4ZJM	MEMPHIS	*#	TN
KD8ZR	TERRA ALTA		WV
146.4150 / 147.0150			
N4GIS	CARTERSVILLE		GA
N4YSB	YADKINVILLE		NC
AB4M	LYNCHBURG	131.8	VA
K4AXO	NORTON/HIGH KNOB	88.5	VA
147.6150 / 147.0150			
KM4DT	BONAIRE	82.5	GA
KF4UM	HINESVILLE		GA
AD4RU	IRVINE		KY
N5JHK	MONTICELLO		MS
KF4OGO	LINCOLNTON		NC
KD4MYE	RALEIGH		NC
W4GL	SUMTER	156.7	SC
KJ4ZQ	NASHVILLE		TN
AA4KS	RCKWD/MT ROSVLT		TN
KF5SCT	UNION CITY	107.2	TN
AA8TH	RICHWOOD		WV
146.4300 / 147.0300			
K4YTZ	ROCK HILL		SC
WA4JST	RICHMOND		VA
147.6300 / 147.0300			
W4REI	ATLANTA/AIRPORT		GA
KD4ULE	HOPKINSVILLE	103.5	KY
W4PJZ	LOUISVILLE	151.4	KY
W5LDD	OCEAN SPRINGS		MS
W4GG	GREENSBORO	131.8	NC
KB4DJT	ROANOKE RAPIDS		NC
KF4CVO	BARNWELL	156.7	SC
K4NMB	#N. MYRTLE BEACH		SC
W4BV	FAYETTEVILLE		TN
W4EM	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KC3IT	MULLENS		WV
146.4450 / 147.0450			
K4AIH	ANDRWS/ROBNSVL	151.4	NC
147.6450 / 147.0450			
K4SES	DOUGLAS		GA
KD4AOZ	WATKINSVILLE		GA
KJ4VF	GRETHEL		KY
KE4OOS	PARIS	141.3	KY
KB5LCL	POLKVILLE	141.3	MS
KC4DBZ	#COOL SPRINGS		NC
W4NHV	LUMBERTON		NC
WD4OZN	BOLIVAR		TN
N2UP	LIVINGSTON		TN
KE4CKJ	STAUNTON/EL. KB	131.8	VA
WA4SBC	VIRGINIA BEACH		VA
146.4600 / 147.0600			
W4CQ	CHARLOTTE		NC
KF4AGO	SOUTH BOSTON		VA
KA8PNC	PRINCETON		WV
147.6600 / 147.0600			
WA4DDI	MACON		GA
N4CLA	ROSWELL		GA
W4UCJ	THOMASVILLE		GA
K4LOL	BOWLING GREEN	156.7	KY
W4NJA	#PADUCAH		KY
N5OCF	RICHTON		MS
WA4LED	MACO		NC
KB4UG	GRNVLE/VIKING MT		TN
WA4MQQ	MEMPHIS		TN
N4VFB	SHELBYVILLE		TN
WB4VWR	ENON	107.2	VA
N8ZAR	BUCKHANNON	123.0	WV
147.6700 / 147.0700			
N4NMC	LOUISVILLE	151.4	KY
146.4750 / 147.0750			
NM8T	SMITHERS		WV
147.6750 / 147.0750			
WD4JXR	LAWRENCEVILLE		GA

MILLIONS AND MILLIONS OF DOLLARS WORTH OF HAM EQUIPMENT

SPECIAL SHOWS!

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More Variety!
More Listings!
More Shows!
Better Shows!

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SERA REPEATER STATE INDEX LISTINGS BY FREQUENCY - Continues

WB4CJB	PEMBROKE		GA
N4TLP	OWINGSVILLE		KY
NC5Y	JACKSON		MS
K4ZO	NEWTON	71.9	NC
KD4JFN	PITTSBORO	107.2	NC
KT4BU	EASTOVER	156.7	SC
WQ4E	GREENBRIER	107.2	TN
WB4GBI	KNOXVILLE		TN
KF4SCT	MCNAIRY	107.2	TN
AD4ZK	NORFOLK		VA
W4PNT	WAYNESBORO		VA
KE8MR	MORGANTOWN	103.5	WV
147.6900 / 147.0900			
KE4RWR	BAINBRIDGE		GA
KC4YHM	EATONTON	179.9	GA
KF4CWK	DAWSON SPRINGS	103.5	KY
KJ4YK	PHELPS		KY
KB5DSN	AMORY		MS
N5MRS	NEW HEBRON		MS
W4GDF	GREENVL/ESTN NC		NC
KF4ATU	ORANGEBURG	156.7	SC
K4JLA	SPARTANBURG		SC
AD4QG	EVA		TN
K4NLP	JAMESTOWN	100.0	TN
W4GMM	MEMPHIS	107.2	TN
W4BRC	GALAX/BRIRP MT		VA
N4TZE	GOOCHLAND		VA
146.5050 / 147.1050			
KE4GUA	NO. COLUMBIA	156.7	SC
147.7050 / 147.1050			
WB4RTH	ATLANTA	100.0	GA
NC4D	STATESBORO		GA
N4EQT	FRANKFORT		KY
K9ZK	#HAWESVILLE		KY
KB5SAR	WAYNESBORO		MS
K4ITL	BROADWAY		NC
WA4KNI	HENDERSONVILLE		NC
KD4NEB	CLEVELAND	88.5	TN
K4TC	HENDERSON		TN
W4LYR	LEBANON	100.0	TN
WB4JBJ	BEDFORD		VA
147.7200 / 147.1200			
W4CMA	CEDARTOWN		GA
K4HCA	CLARKESVILLE		GA
KT4N	#LINCOLNTON		GA
KA4KMT	#LOUISVILLE		KY
WB4ASZ	WINCHESTER		KY
NO5N	ACKERMAN		MS
W4REW	GASTONIA/SPCR MT		NC
WN4Z	ROCKY MOUNT		NC
W4GS	MYRTLE BEACH		SC
KF4ADU	COLUMBIA		TN
N4WAH	MEMPHIS	107.2	TN
K4EAJ	OAK RIDGE	82.5	TN
WB8POC	PATRICK SPRINGS	107.2	VA
WB8DKM	BRIDGEPORT		WV
WB8NAM	MADISON		WV
147.7350 / 147.1350			
N4BZJ	DALTON	100.0	GA
KB0Y	LAKE PARK	141.3	GA
K4FRM	MILLEDGEVILLE	123.0	GA
KB5UIX	VOSSBURG		MS
KE4ZIS	BREVARD		NC
WA4US	WILMINGTON		NC
KF4GPE	CHESTERFIELD		SC
WB4EDS	ALAMO		TN
N4AZJ	PEARISBURG	100.0	VA
KC4VDZ	RICHMOND	107.2	VA
KE8MR	DAVIS	103.5	WV
147.7500 / 147.1500			
K4BYK	CUMMING/SAWNEE		GA
KI5WI	BOONEVILLE		MS
KF5IZ	PEARL/RANKIN CO	88.5	MS
K4VLY	MORGANTON		NC
WB4TQD	RALEIGH		NC
WD4NUN	MONCKS CORNER		SC
WA4PCD	NASHVILLE WEST	114.8	TN
K4EAJ	OAK RIDGE	82.5	TN
KB4RFN	CLINCHCO	88.5	VA
KM4FY	#RICHLANDS		VA
WA8YWO	RICHWOOD	100.0	WV
147.7650 / 147.1650			
WD4LYT	FAYETTEVILLE		GA
KF4XH	#MACON		GA
N4NEQ	MORGANTON		GA
W4WSM	BOWLING GREEN		KY
WA4HBM	LEXINGTON		KY
WB4UBY	PRESTONSBURG		KY
KF4HFS	HIGH POINT		NC
KD4PBK	LUMBERTON	88.5	NC
W4GWD	GREENWOOD	107.2	SC
KF4BRS	ERWIN/UNICOI		TN
WA4CEX	PURYEAR		TN
KR4BT	SPARTA/WHITE	123.0	TN
W8CXD	FOREST	114.8	VA
W4CM	NEWPORT NEWS		VA
WC8K	WESTON		WV
147.7800 / 147.1800			
N4BMA	AUGUSTA		GA
WD4NHW	BALDWIN		GA
WB4BDP	WARNER ROBINS		GA
K4LRX	HENDERSON	141.3	KY
KE4ZJT	LONDON	151.4	KY
W4CN	LOUISVILLE		KY
K5LFP	PICAYUNE		MS
KC5LIO	WEST POINT		MS
WA1YYN	EFLAND	156.7	NC
AC4RC	WILMINGTON	88.5	NC
W4DXA	#FORT MILL		SC
WA4HNK	SUMMERVILLE		SC
WD4DES	CLEVELAND	118.8	TN
WA4KOG	MEMPHIS		TN
K4ZGA	NASHVILLE	114.8	TN
KB4YKV	AMELIA COURTHSE		VA
WD4ITN	MONTEREY	100.0	VA
WB3S	PKS KB/PULASKI	103.5	VA
147.7950 / 147.1950			
K4JPD	ATLANTA		GA
W4UCJ	BOSTON		GA
KJ4VF	LEXINGTON		KY
KA5FYW	SUMRALL		MS
N4NIN	#LENOIR		NC
KO4CW	RALEIGH	88.5	NC
W4APE	FLORENCE		SC
KC4FV	ARNOLD A.F.B.		TN
KD4CWB	KNOXVILLE	100.0	TN
WA4RTS	LYNCHBURG	136.5	VA
KF4ADJ	SMITHFIELD	100.0	VA
NV8H	LOGAN SOUTH		WV
147.8100 / 147.2100			
KF4GHF	CONYERS	162.2	GA
KK4TO	SAVANNAH		GA
KB4DFK	BLACK MOUNTAIN	103.5	KY
K4HY	OWENSBORO		KY
N5SPJ	UNION	100.0	MS
W4BUZ	GREENSBORO		NC
W4NTQ	WHITEVILLE		NC
K4AVU	LITTLE MT.		SC
N4WS	COOKEVILLE		TN
WF4Q	JACKSON	107.2	TN
KB8NJH	AMBER RIDGE	107.2	WV
N8FMD	CLARKSBURG	103.5	WV
147.8250 / 147.2250			
W4RLP	SUMMERVILLE		GA
W4AIA	#IRVINE		KY
N4DRL	BYHALIA		MS
WR4AGC	HILLSBOROUGH		NC
W4DTW	SANTEE		SC
KC4VHQ	WAVERLY		TN
KA4VXR	HAMPTON	136.5	VA
WB8NRK	PRINCETON	114.8	WV
147.8400 / 147.2400			
AE4JO	EMERSON	103.5	GA
WB4NFG	IRWINTON	77.0	GA
KD4POG	#THOMASVILLE		GA
KF4DTJ	ASHLAND	107.2	KY
W4GZ	FARMINGTON		KY
KC4AI	FRANKFORT	100.0	KY
KF4TLT	HYDEN	186.2	KY
N5ELS	TUPELO		MS
W2SE	CARTHAGE		NC
W4SIJ	FOREST CITY	123.0	NC
W4GHZ	FRANKLIN	151.4	NC
W4ILN	HILTON HEAD		SC
AC4VT	LANCASTER	88.5	SC
W4LKZ	GALLATIN	114.8	TN
KD4ZTK	BOYDTON		VA
N4MGQ	ELK CRK/IRON MTN	107.2	VA
147.8550 / 147.2550			
WD4KDT	STONE MTN	110.9	GA
AE4PO	WAYCROSS	141.3	GA
N4IOX	#DIXON		KY
K4CO	HIGHLAND HEIGHTS	123.0	KY
KC5RC	LAUREL		MS
KJ4AV	ASHEBORO		NC
WA4KNI	HENDSVL/PENIC/MT		NC
W4RRC	LEESVILLE	123.0	SC
N4PYI	NASHVILLE	110.9	TN
KJ4SI	PETROS/FRZ HD MT	94.8	TN
K4BW	ACCOMAC	156.7	VA
WD4CYZ	#DANTE		VA
KC8CNL	HINTON		WV
WA8LLM	PARKERSBURG		WV
147.8700 / 147.2700			
WD4EBB	AMERICUS		GA
WA1KMS	COVINGTON	127.3	GA
WB4EJK	LOUISVILLE	151.4	KY
KD4ETF	ST. CHARLES		KY
WB5USN	ABERDEEN		MS
K5ZRO	VICKSBURG	100.0	MS
W4CQ	CHARLOTTE		NC
AK4H	RALEIGH BENSON	100.0	NC
N4SM	WAYNESVILLE		NC
W4ANK	CHARLESTON AREA		SC
WA4JRJ	SENECA/LONG MT		SC
WA4YQC	GALLATIN	114.8	TN
WB0TMC	JACKSON		TN
KE4FH	JOHNSON CITY		TN
WB4IKL	GUM SPRING		VA
KB4QWO	ROANOKE/POOR MT		VA
WV8AR	SCOTT DEPOT	123.0	WV
147.8850 / 147.2850			
WA4VBX	ATLANTA/GPCO		GA
KF4BPW	CHULA	103.5	GA
KC4WWU	KINGSLAND	118.8	GA
KC4ZFH	LONDON		KY
KB5TGA	CORINTH		MS
N4ADM	AIKEN		SC
N4LV	MYB BCH/BRKSVIL		SC
W4RCW	#WHITE OAK MTN		SC
K4PUX	PIKEVILLE		TN
KF4KVG	MARTINSVILLE	107.2	VA
KA4ZIP	WARSAW		VA
W8LG	PINEVILLE		WV
N8HON	SPRUCE KNOB		WV
147.9000 / 147.3000			
N4ALE	COLBERT		GA
WB4YSV	ROME		GA
WR4MG	WARNER ROBINS	107.2	GA
K4ICN	ALLEN	123.0	KY
WA4SJH	SPRINGFIELD		KY
KA5LNY	MAGEE		MS
KK4X	JEFFERSON	103.5	NC
N4JEX	KANNAPOLIS		NC
W4MZP	RED SPRINGS		NC
WA4UQC	WILSON	88.5	NC
K4ESG	AWENDAW	103.5	SC
W4CAT	GALLATIN	114.8	TN
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4ADT	MEMPHIS		TN
K4SPS	FRANKLIN	131.8	VA
KI4ZR	LEXINGTON		VA
WB8NSL	HARISVL/PENSBRO		WV
147.9150 / 147.3150			
KR4KS	#NORTH ATLANTA	100.0	GA
KC4TX	#HODGENVILLE		KY
KC4VXR	SALEM		KY
N5DWU	WAYNESBORO		MS
K4MPJ	SAURATOWN MT	100.0	NC
K4PPD	SHALLOTTE		NC
N4UZT	N. SPARTANBURG	141.3	SC
N4ARK	#MURFREESBORO	114.8	TN
KD4HZN	ROGERSVILLE	114.8	TN
KT4EQ	TELLICO PLAINS		TN
K4HWQ	GRUNDY		VA
147.9300 / 147.3300			
KF4LAP	COCHRAN	77.0	GA
KK4TO	SAVANNAH		GA
KA4DIP	TOCCOA		GA
WA8KWH	ASHLAND		KY
KA4CFW	BOWLING GREEN		KY
WD4KNE	MT. STERLING		KY
KK5RK	MCHENRY		MS
N5EPP	PHILADELPHIA		MS
W4LPL	FAYVLLE/FT BRAGG		NC
KN4K	LENOIR/HIBRITN	141.3	NC
KF4GHC	COLUMBIA	156.7	SC
KC4SBK	ATOKA		TN
WD4ORB	MORGAN COUNTY	82.5	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
147.9450 / 147.3450			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
N4PJR	JESUP/SCREVEN		GA
KF4TLT	STINETT		KY
KG5SF	GREENVILLE		MS
N5ZMZ	UTICA		MS
WA4IXW	#MADISON	103.5	NC
W4NYR	SHELBY		NC
WA4TEP	WASHINGTON		NC
KD4TXX	ADAMS RUN (CHAS)		SC
W4ANK	CHARLESTON AREA		SC
K4PHT	DAYTON		TN
NM4L	ABINGDON		VA
N4WAO	EASTVILLE	156.7	VA
W3RUA	FRANKLIN		WV
NU8K	LOGAN/SUMERCO		WV
147.9600 / 147.3600			
W4SCR	DOUGLASVILLE	88.5	GA
WA4HZX	DUBLIN		GA
KQ9Z	LOUISVILLE		KY
W5CJR	HATTIESBURG		MS
KC5QGC	LOUISVILLE		MS
K5SVC	NATCHEZ		MS
WA4J	BOONE/RICH MTN		NC
WD4LDB	DURHAM		NC
W4PET	LUMBERTON		NC
W4BS	MEMPHIS	107.2	TN
WB4NTM	NASHVILLE		TN
K4KLX	PARIS		TN
KA4CBB	CHESTERFIELD		VA
KB4OLM	STUARTS DRAFT		VA
N8FWL	BECKLEY		WV
KC8GXI	MIDDLEBOURNE	110.9	WV
147.9750 / 147.3750			
K4TQU	ATHENS/CRAWFRD		GA
KD4ORB	DONALSONVILLE		GA
KB4VAK	LAFAYETTE	77.0	GA
N4TPL	MONTICELLO	100.0	KY
K4CO	WALTON		KY
KA5VFU	GULFPORT		MS
KD4WAR	BURNSVILLE		NC
K4GWH	GRAHAM	114.8	NC
KC4UMO	#GREENVILLE		NC
KI4CB	GEORGETOWN	179.9	SC
K4LEO	GREENVILLE		SC
KN4HL	DICKSON		TN
KB4ILD	LYNCHBURG		VA
W4NV	VIRGINIA BEACH		VA
WD8LNB	GRAFTON		WV
K8WMX	ST ALBANS		WV
147.9900 / 147.3900			
W4MMQ	HELEN		GA
W4OHH	THOMASTON		GA
WR8CRA	COVINGTON		KY
KF4TOL	CRESTWOOD	151.4	KY
N8QCW	LOUISA	186.2	KY
KC5QHP	FOREST	100.0	MS
WA4CHZ	AQUADALE		NC
WB4IUY	CLAYTON	88.5	NC
K4PPD	SHALLOTTE		NC
KE4JMH	WAYNESVILLE		NC
KA4FEC	LEXINGTON		SC
KF4L	#CLARKSVILLE		TN
K4DPD	DAYTON/RHEA CTY		TN
KQ4E	#MORRISTOWN		TN
WA4BJY	OAKFIELD		TN
K4ARO	PETERSBURG		VA
N8RCG	KEYSER	123.0	WV
WV8D	LEWISBURG	100.0	WV
WD8CYV	PARKERSBURG	141.3	WV
147.0750 / 147.6750			
N4CO	#GEORGETOWN		KY

220 MHZ

222.3000 / 223.9000			
WB4SJV	HERMITAGE		TN
222.3400 / 223.9400			
KF4DTJ	ASHLAND		KY
W4ZJM	MEMPHIS	*#	TN
222.3600 / 223.9600			
WR3S	#SHORT MTN		TN
WR3S	SMITHVILLE		TN
222.3800 / 223.9800			
W4CAT	GALLATIN		TN
222.4200 / 224.0200			
WB4JEH	#CONYERS		GA
222.4600 / 224.0600			
W4NYR	SHELBY		NC
222.4800 / 224.0800			
WB4NTM	NASHVILLE		TN
222.5000 / 224.1000			
WS4F	BALDWIN		GA
KA4UHL	NANCY	100.0	KY
N4CH	ROANOKE		VA
222.5200 / 224.1200			
N4NFP	ATLANTA/MARIETTA	118.8	GA
WM4MD	MIDDLESBORO	82.5	KY
W4GL	SUMTER		SC
WV8B	FLAT TOP/WINTRPL		WV
222.5400 / 224.1400			
KD4ALC	WALESKA		GA
KB5SAR	WAYNESBORO		MS
WR4BEG	GREENSBORO		NC
WB4QHF	PICKENS/CSRS HD	131.8	SC
KB4PNG	ONEIDA		TN
KB4YQC	CHARLOTTESVILLE	88.5	VA
WR8M	WILLIAMSON		WV
222.5600 / 224.1600			
KC4JNN	BISKEY MTN	100.0	GA
KN4K	LENOIR/HIBRITN		NC
WR3S	NASHVILLE		TN
222.5800 / 224.1800			
N4YDX	DALLAS		GA
KA4NRL	CHARLESTON		SC
KB8FPK	ERWIN	88.5	TN
WA1ZMS	BEDFORD/APL ORCH	100.0	VA
222.6000 / 224.2000			
KC4OVY	ATLANTA-NE	100.0	GA
AA4UA	AUGUSTA		GA
WA4US	WILMINGTON		NC
W4ILY	GREENVILLE		SC
WA4CBX	BLOUNTVILLE		TN
KB4YTU	BROWNSVILLE		TN
W4JAS	HAMPDEN-SYDNEY		VA
WB4GUG	STUART	107.2	VA
222.6200 / 224.2200			
N4NEQ	ATLANTA/MARIETTA		GA
AD4CR	VERSAILLES		KY
NF4C	ROCKY MOUNT		NC
KB4FZK	KNXVL/CROSS MT	100.0	TN
KO4BN	SPRINGFIELD		TN
KC4MZN	BUCKS ELBOW	131.8	VA
222.6400 / 224.2400			
N4YYD	FT MT/CHATSWTH	71.9	GA
WA4KNI	HENDSVL/BERWLW		NC
N8FWL	BECKLEY		WV
222.6600 / 224.2600			
KE4QFG	MARIETTA		GA
WA4BVW	ASHVL/MT PISGAH		NC
WR4AGC	HILLSBOROUGH		NC
N4PYI	SHORT MTN.	114.8	TN
222.6800 / 224.2800			
AB4M	LYNCHBURG		VA
222.7000 / 224.3000			
KA4MKT	LOUISVILLE		KY
N4AI	SOMERSET		KY
WA4WRS	BARIUM SPRINGS		NC
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
222.7200 / 224.3200			
N4MTA	ACWORTH/ATL	100.0	GA
KA4SQN	JACKSONVILLE		NC
AJ4N	PICKENS/SASFR MT		SC
N4RAG	BUCK'S ELBOW	131.8	VA
222.7400 / 224.3400			
W4DOC	#ATLANTA	146.2	GA
WW4DC	THOMASVILLE	88.5	NC
WB4GBI	KNOXVILLE		TN
222.7600 / 224.3600			
N4BZJ	DALTON		GA
WB4PAC	#GRIMESLAND		NC
KA4TYO	MARSHALL		NC
WR3S	LAVERGNE		TN
WB8YST	CHARLESTON	107.2	WV
222.7800 / 224.3800			
N4RBT	CLEVELAND		GA
N4OQJ	KNOXVILLE	100.0	TN
AA4QT	RIDGEWAY		VA
222.8000 / 224.4000			
N5EKR	ELLISVILLE		MS
W4BFB	CHARLOTTE		NC
WB4QHF	PICKENS	131.8	SC
KB4YGI	COLLIERVILLE		TN
222.8200 / 224.4200			
KD4AOZ	WATKINSVILLE		GA
AC4AO	LEXINGTON		KY
W4BS	MEMPHIS		TN
WD4GSM	NORTON/HIGH KNOB		VA
KC4J	PATRICK SPRINGS	103.5	VA
222.8400 / 224.4400			
N4NEQ	ATL/MARIETTA	118.8	GA
WB4GUG	GREENSBORO	107.2	NC
KN4CW	WEST SPRINGS		SC
KC4TFQ	#NASHVILLE		TN
N2FUV	SEVIERVILLE		TN
222.8600 / 224.4600			
N4BZJ	DALTON	118.8	GA
W4ABP	GAINESVILLE		GA
KB0Y	VALDOSTA	141.3	GA
KC4ZTJ	SHELBY		NC
222.8800 / 224.4800			
KE4IPX	NORCROSS		GA
W4DEX	LOCUST		NC
K4ZGA	NASHVILLE		TN
KD4HZN	ROGERSVILLE		TN
222.9000 / 224.5000			
N4MTA	ACWORTH/ATL	100.0	GA
N4FND	SHEPHERDSVILLE	151.4	KY
N4DRL	BYHALIA		MS
K4YNY	WILMINGTON	88.5	NC
W4BBB	KNOXVILLE/RACK	100.0	TN
K4RCA	MARTINSVILLE		VA
222.9200 / 224.5200			
KE4AIS	PINE LOG MTN		GA
KR4HJ	LEXINGTON	107.2	NC

SAVE MONEY! on Replacement BATTERIES

IRI Amateur Electronics
116 East Main Suite B · Jamestown, NC 27282
Stafford Square Shopping Center
(336) 454-2012 · 454-2019 (Fax)
James E. Waldrop, KD4IRI Owner
SEE OUR AD ON PAGE 14 THIS ISSUE!

IRI

SERA REPEATER STATE INDEX LISTINGS BY FREQUENCY - Continues

K4RWN	LITTLE MTN		SC
WM4MD	JONESVILLE	100.0	VA
222.9400 / 224.5400			
N4YEA	DALLAS		GA
WA4BVW	MT MITCHELL		NC
N8ITF	GREENBRIER		TN
WB4PVT	HAMPTON	100.0	VA
222.9600 / 224.5600			
W4DOC	ATLANTA	146.2	GA
KD4RXF	LANCASTER		KY
WB4YZF	FAYETTEVILLE		NC
KC4GYM	COLUMBIA		SC
AC4JF	NEWPORT	100.0	TN
222.9800 / 224.5800			
NX9O	ALPHARETTA		GA
KR4AA	ROCKY MOUNT		NC
WA4RQF	#WINSTON-SALEM		NC
KB4VFD	CROSS		SC
N4KFI	KNOXVILLE	103.5	TN
223.0000 / 224.6000			
N4GIS	CARTERSVILLE		GA
WB4PLA	ASHEVILLE		NC
KC4KUL	HIGH POINT		NC
WA4HMT	LAKE GASTON		VA
223.0200 / 224.6200			
W4PME	ATLANTA/BELL		GA
KD4DAR	PIKEVILLE		KY
KD4JFN	HAW RIVER	107.2	NC
W4GSF	GLOUCESTER		VA
223.0400 / 224.6400			
WB6RTH	#LOGANVILLE		GA
WA4PEN	RALEIGH		NC
WA4RQF	WINSTON-SALEM		NC
KC4SWI	COLUMBIA		SC
223.0600 / 224.6600			
W4BKM	MACON		GA
WA1YYN	EFLAND	107.2	NC
WB4PLA	MARS HILL		NC
N4LV	SUNSET BEACH		NC
WR3S	NASHVILLE		TN
223.0800 / 224.6800			
N4BZJ	DALTON		GA
WB4KPF	WILMINGTON		NC
KA4RCL	WAYNESBORO	131.8	VA
223.1000 / 224.7000			
KE4ZTA	DALLAS		GA
N4RBL	LOUISVILLE AREA	151.4	KY
KM4TC	DUNCAN	88.5	NC
KD4GON	GALLITAN		TN
KD4IBW	SEVIERVILLE	100.0	TN
K4ARO	PETERSBURG		VA
223.1200 / 224.7200			
WA4DAN	TRENTON		NC
223.1400 / 224.7400			
N4KVC	DALTON		GA
N4NCK	OXFORD		NC
N4PYI	NASHVILLE	100.0	TN
KC4JGC	VIRGINIA BEACH	100.0	VA
223.1600 / 224.7600			
W4BOC	STONE MT		GA
KB7BTU	PLYMOUTH		NC
W4EXU	SALISBURY		NC
WQ4E	GREENBRIER		TN
KD4IBW	MOORESBRG/SNED		TN
WA4TFZ	CHARLOTTESVILLE		VA
223.1800 / 224.7800			
KC4KLW	ROCKMART		GA
WB5OWY	VICKSBURG		MS
WA4WGY	EDEN	103.5	NC
KO4BR	ORANGEBURG		SC
K4VCM	CHATTANOOGA		TN
KE4FH	JC/BUFFALO MT		TN
WA4KOG	MEMPHIS		TN
223.2000 / 224.8000			
KR4BD	LEXINGTON		KY
KD4WJD	WENDELL	88.5	NC
WQ4E	GREENBRIAR		TN
KD4IBW	SEVIERVILLE		TN
223.2200 / 224.8200			
KK4C	ATLANTA		GA
WR4MG	HAWKINSVILLE	107.2	GA
N4DWU	CANTON		NC
AD4BX	GREENSBORO		NC
223.2400 / 224.8400			
WB6RTH	#ALPHARETTA		GA
WR4MG	WARNER ROBINS		GA
WA4DAN	GRIFTON		NC
KC4PRD	NASHVILLE		TN
N4PLV	BEDFORD		VA
223.2600 / 224.8600			
KC4JNN	ALPHARETTA	100.0	GA
K4GYR	SUMTER		SC
KQ4Q	PEARISBURG		VA
223.2800 / 224.8800			
WD4LUQ	YORKVILLE	77.0	GA
N4AI	SOMERSET		KY
N4DRL	WARSAW		MS
K4AIH	ANDRWS/ROBINSVL		NC
K4DQ	FANCY GAP	100.0	VA
223.3000 / 224.9000			
W4LMA	MARIETTA		GA
WD4SBX	GRAY		TN
AA4HQ	DELTAVILLE		VA
K4YDG	ROANOKE/TINKER		VA
223.3200 / 224.9200			
KR4KS	SNELLVILLE		GA
W4NYK	GRNVL/DOWNTWN	88.5	SC
N8LGA	BLUEFIELD		VA
223.3400 / 224.9400			
WB4KXO	AUGUSTA		GA
N4GIS	WALESKA		GA
AD4RU	IRVINE		KY
N4JJ	FLORENCE		SC
WB4NKM	GREENEVILLE		TN
WA4PCD	NASHVILLE		TN
AB4EM	ROANOKE/CAHAS MT		VA
223.3600 / 224.9600			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
KC4ZTJ	CHERRYVILLE		NC
AA3CH	GOLDSBORO	156.7	NC
N4QVI	GREENSBORO		NC
223.3800 / 224.9800			
K4JSR	CUMMING		GA

440 MHZ

434.0000 / 421.2500			
W4ZTL	ATLANTA/BELL		GA
KK4TO	SAVANNAH		GA
KJ4SO	DURHAM TV HILL		NC
KO4AT	GREENSBORO		NC
N4CNN	GOOSE CREEK		SC
KD4JGV	JOHNSON CITY/BUF		TN
WA4GSS	HUNTINGTON		WV
KB8QHO	WHEELING		WV
439.2500 / 421.2500			
W4BEJ	ELIZABETHTOWN		KY
W4PPN	CHARLOTTE		NC
N4GUP	LEXINGTON		SC
WA4CDM	KNOXVILLE		TN
KJ4ZQ	NASHVILLE		TN
N4XND	GLOUCESTER		VA
W4HTB	BOWLING GREEN		KY
KA5NOJ	GAUTIER		MS
KA5NOJ	WAYNESBORO		VA
WA4VHP	SAVANNAH		GA
W4NYR	#SHELBY		NC
426.2500 / 439.2500			
N4FHL	ROANOKE/POOR MT.		VA
446.3500 / 441.3500			
WA4USN	KNIGHTSVILLE		SC
446.4500 / 441.4500			
WA4USN	MT. PLEASANT		SC
446.7000 / 441.7000			
N4ZHC	CLINTON	131.8	NC
446.8000 / 441.8000			
KC4YNF	ACWORTH	77.0	GA
447.0000 / 442.0000			
WB6RTH	ALPHARETTA		GA
N4ORL	LOUISVILLE		KY
KF4BTL	MARYVILLE		TN
WA4HMT	GASBURG		VA
WB3T	WYTHE/WALKER MT	103.5	VA
447.0250 / 442.0250			
WA4NMF	ATLANTA	100.0	GA
KE4VMN	#ASHEVILLE		NC
447.0500 / 442.0500			
N1KDO	MARIETTA	107.2	GA
KD4ADJ	LEXINGTON		KY
WA1YYN	EFLAND	107.2	NC
KD4XV	JASPER	127.3	TN
WB4SQC	JOHNSON CITY/HOL.		TN
WA4BJY	MEDINA		TN
447.0250 / 442.0750			
W8BLA	ROSWELL		GA
447.0750 / 442.0750			
N4VOS	STANTON		KY
N5DWU	MONTICELLO		MS
KC4GYM	COLUMBIA	156.7	SC
KN4VY	DAYTON		TN
447.1000 / 442.1000			
WA4CNG	ATLANTA		GA
N4RBL	LOUISVILLE AREA		KY
WD4PAX	MILAN		TN
447.1250 / 442.1250			
KF4FOF			
KF4FOF	PICKENS		SC
KB4YFV	HILLSVILLE	103.5	VA
447.1500 / 442.1500			
N4SE	ROSWELL/BELL		GA
KD4RTR	DORTON		KY
W4UNC	CHAPEL HILL		NC
WJ9J	CHATTANOOGA		TN
KA4BNI	DRESDEN		TN
KD4SUU	CHESTERFIELD		VA
447.1750 / 442.1750			
N4BZJ	DALTON	118.8	GA
K4NGQ	FRANKFORT	67.0	KY
WA4US	#WILMINGTON		NC
KD4CRM	MARTINSVILLE	465IN	VA
447.2000 / 442.2000			
N3APR	DECATUR		GA
N5DWU	ELLISVILLE	167.9	MS
KS4SB	COLFAX		NC
WA4US	WILMINGTON		NC
KD4YUX	BETHPAGE	107.2	TN
WD4SBX	GRAY	100.0	TN
WA4BJY	OAKFIELD		TN
N4IFC	LYNCHBURG/T.ROW	103.5	VA
447.2250 / 442.2250			
WB6RTH	#ATLANTA	77.0	GA
WJ9J	RCKWOOD/OZONE		TN
WB4GUG	STUART	107.2	VA
447.2500 / 442.2500			
KR4KS	#NORTH ATLANTA	100.0	GA
N5DWU	ELLISVILLE	167.9	MS
KB4PQA	GREENVILLE		SC
WD4DES	CLEVELAND	118.8	TN
WA4HTI	COVINGTON		VA
447.2750 / 442.2750			
K4DDH	MACON	100.0	GA
K4NGQ	#FRANKFORT		KY
N4ZCM	AUBURN		NC
KF4CFO	ETOWAH/STARR MT		TN
KE4PFW	HENDERSON		TN
447.3000 / 442.3000			
WB4IUY	WILSON		NC
KE2D	SUMMERVILLE		SC
KC4VDZ	RICHMOND	114.8	VA
W8LG	BECKLEY/BOLT		WV
447.3250 / 442.3250			
KE4MLW	MABLETON		GA
WM4MD	MIDDLESBORO	67.0	KY
N5DWU	ELLISVILLE		MS
WD4ICX	ASHEBORO		NC
447.3500 / 442.3500			
WD4NHW	BALDWIN		GA
KF5TU	LAKE GASTON	100.H	NC
WA4YGD	LINCOLNTON		NC
447.3750 / 442.3750			
KE4QFG	MARIETTA		GA
KE4YRE	SHELBYVILLE		KY
W4RNR	SANFORD		NC
WA4PXV	WEST JEFFERSON		NC
447.4000 / 442.4000			
N4UER	WARM SPRINGS		GA
AA4XV	LATONIA		KY
KD4WJD	WENDELL		NC
WB4QHF	PICKENS/CSRS HD	127.3	SC
KF4YI	LYNCHBG/JACK MT.	107.2	VA
447.4250 / 442.4250			
K4HCA	CLARKESVILLE		GA
KC4FIE	MADISONVILLE		KY
N4TZD	LEXINGTON		NC
447.4500 / 442.4500			
NE1H	SNELLVILLE		GA
KD4CLR	LOUISVILLE AREA	151.4	KY
N4LMR	RALEIGH		NC
KD4NEB	CLEVELAND	88.5	TN
WA3KOK	CHESTERFIELD	107.2	VA
447.4750 / 442.4750			
K4NVG	LAVONIA	203.5	GA
N4ZKI	TRENTON		GA
KE4DGP	WILKESBORO	107.2	NC
447.5000 / 442.5000			
KE4PMP	MT. VERNON	88.5	GA
KB4RYM	LOUISVILLE		KY
K4GFY	MOREHEAD		KY
K4YNY	WILMINGTON	88.5	NC
WB4HAP	KNOXVILLE	103.5	TN
W4CA	ROANOKE/POOR MT		VA
447.5250 / 442.5250			
WB5TUF	ATLANTA		GA
KC4KMV	FORT WRIGHT	123.0	KY
447.5500 / 442.5500			
WB4JEH	CONYERS	151.4	GA
WD4ELX	LOUISVILLE		KY
K1BUD	PITTSBORO		NC
W4RAT	RICHMOND	127.3	VA
447.5750 / 442.5750			
AE4LW	MADISONVILLE	100.0	KY
WB4IVB	JONESVILLE	100.0	VA
447.6000 / 442.6000			
KD4FOC	DUBLIN	77.0	GA
WA4OKJ	MARIETTA	100.0	GA
KD4ADJ	MT STERLING		KY
WD4NWV	ANDRWS/ROBINSVL	151.4	NC
N4SSB	GALLATIN	107.2	TN
K4ARO	PETERSBURG		VA
K4ARO	ROANOKE		VA
447.6250 / 442.6250			
W4ABP	GAINESVILLE	131.8	GA
KE4KIV	NEWTON		NC
WB4EPG	MEMPHIS		TN
447.6500 / 442.6500			
KE4FHN	DANIELSVILLE		GA
KS4QA	LOOKOUT MTN	146.2	GA
KD4GEU	ASHEVILLE		NC
WA1ZMS	BEDFORD/APL ORCH	100.0	VA
447.6750 / 442.6750			
KE4PVE	ATLANTA	100.0	GA
KD4BOH	ROCKPORT		KY
KD4RAA	CARY	100.0	NC
WA4MPZ	#BLUFFTON		SC
447.7000 / 442.7000			
KC4ZGN	ELLIJAY	77.0	GA
KK4TO	SAVANNAH		GA
KE4ZBI	ATOKA		TN
WA4PZN	SHELBYVILLE		TN
N4CPI	ROANOKE/POOR MT.		VA
447.7250 / 442.7250			
KE4QFG	MARIETTA/ATL		GA
KB4YJ	LOUISVILLE	151.4	KY
N5LRQ	VOSSBURG	167.9	MS
WG4R	GREENSBORO		NC
KJ4BF	SIMPSONVILLE		SC
447.7500 / 442.7500			
N4EMM	CONYERS		GA
KM4GR	BAKERSVILLE		NC
WD4KZK	ROANOKE/MILL MTN	107.2	VA
447.7750 / 442.7750			
K4VJM	FLOWERY BRANCH		GA
KC4FIE	MADISONVILLE		KY
AE4PZ	MOUNTAIN REST	162.2	SC
KE4CIF	PULASKI		VA
447.8000 / 442.8000			
N4NFP	ATL/MARIETTA		GA
N4AAD	YADKINVILLE	100.0	NC
WD4LUR	LAKE CITY	100.0	TN
KB4MIC	GUM SPRING		VA
447.8250 / 442.8250			
K4DKI	CLAYTON		GA
KC4ENL	HAPEVILLE	167.9	GA
WF4G	MEMPHIS		TN
KT4PN	ONEIDA		TN
447.8500 / 442.8500			
WB0QGH	LAWRENCEVILLE	82.5	GA
W2HR	GILBERTSVILLE	103.5	KY
KA7JXU	BREVARD		NC
KA4IXK	ROANOKE/POOR MT		VA
447.8750 / 442.8750			
PT2RFL	ATLANTA/MARIETTA	100.0	GA
N4IWK	MACON		GA
KB5ZCX	ROSE HILL		MS
KD4DMS	SPIVEY'S CORNER		NC
KC4WHL	HARRIMAN	136.5	TN
447.9000 / 442.9000			
NZ3I	BUFORD	103.5	GA
WR4MG	WARNER ROBINS		GA
W4AIA	IRVINE		KY
WW4DC	THOMASVILLE	88.5	NC
KE4CES	JACKSON	114.8	TN
N4SSB	NEW DEAL	107.2	TN
W4MT	NEWPORT NEWS	100.0	VA
447.9250 / 442.9250			
KC4YHM	EATONTON		GA
K4AE	LEXINGTON		NC
447.9500 / 442.9500			
AA4AI	ATHENS	179.9	GA
N4XGI	ST SIMONS ISLAND	131.8	GA
KF4CYI	TAYLORSVILLE	173.8	NC
AB4FU	LYNCHBURG		VA
447.9750 / 442.9750			
WA4YNZ	ATLANTA		GA
WA4YNZ	#ROSWELL		GA
NK4W	LITTLE MT	162.2	SC
WD4OAR	GEORGETOWN		TN
KB8KSP	ABINGDON	88.5	VA
448.0000 / 443.0000			
N4OGF	CHATSWORTH		GA
KK4YP	PIKEVILLE		NC
W4ZJM	MEMPHIS	*#	TN
KM4X	WHITETOP MTN	103.5	VA
WB8EZR	HUNTINGTON		WV
448.0250 / 443.0250			
WA4NMF	ATLANTA	100.0	GA
KD4IEZ	DUBLIN	156.7	GA
KE4OOL	LEXINGTON	123.0	KY
WB4IKY	BURLINGTON	107.2	NC
N4UAG	KNOXVILLE		TN
KA8YEZ	WHEELING	77.0H	WV
448.0500 / 443.0500			
NE1H	SNELLVILLE		GA
AA3CH	GOLDSBORO	156.7	NC
WB4PUB	#NASHVILLE	107.2	TN
448.0750 / 443.0750			
WA0HQQ	KENNESAW		GA
KC4ZIZ	MACON	156.7	GA
WR4BEG	SOPHIA/RANDLEMN		NC
KA4AZQ	KNOXVILLE	100.0	TN
448.1000 / 443.1000			
N4KHQ	DAHLONEGA	100	GA
K4DC	OWENSBORO		KY
WW4DC	SAURATOWN MT	88.5	NC
KA4JXT	MEMPHIS	107.2	TN
KB4NKO	CHESAPEAKE		VA
KN4YM	POWHATAN		VA
KE4QOX	BECKLY/OAK HILL	107.2	WV
448.1250 / 443.1250			
KW4KW	RINGGOLD	118.8	GA
KU4ML	FOSTER		KY
KB4PQA	CRAB CREEK TWP		NC
WA4NNA	RALEIGH		NC
448.1500 / 443.1500			
KF4XH	BYRON		GA
W4PME	ROSWELL/BELL		GA
W4HG	#SALISBURY		NC
K8MHR	ST. ALBANS		WV
448.1750 / 443.1750			
N4GIS	WALESKA		GA
KD4HLH	LAURENS	146.2	SC
KC4J	PATRICK SPRINGS		VA
448.2000 / 443.2000			
W4DEX	#HAMLET		NC
KD2LH	YOUNGSVILLE	88.5	NC
KB4UG	GRNVLE/VIKING MT		TN
W4BS	MEMPHIS	107.2	TN
448.2250 / 443.2250			
N4QCP	JONESBORO		GA
KD4TAH	FRANKLIN		KY
KS4TO	WADDY		KY
N4ZCM	RALEIGH		NC
448.2500 / 443.2500			
KC4JNN	#BISKEY MTN	100.0	GA
KJ4VF	DORTON		KY
WD6GMQ	GRAINGERS		NC
N4JEX	KANNAPOLIS		NC
448.2750 / 443.2750			
KC4KLW	ROCKMART	179.9	GA
WA4WTX	ROUGEMNT/RED MT		NC
WA4AWI	LEBANON	107.2	TN
448.3000 / 443.3000			
WB4VNT	ATHENS		GA
KB5DZJ	WIGGINS		MS
KC4SVQ	ARCHDALE		NC
KB4TOH	COLUMBIA		NC
KC4IEV	SPINDALE	123.0	NC
WA4KJH	GATLBG/COVE MT	127.3	TN
NM8T	OAK HILL		WV
448.3250 / 443.3250			
N4JMD	STOCKBRIDGE		GA
N4EQT	LAWRENCEBURG		KY
448.3500 / 443.3500			
N4YYD	FT. MT/CHATSWTH	71.9	GA
K4ULW	LOUISVILLE SW	118.8	KY
W5PAW	PETAL		MS
N4JEX	KANNAPOLIS		NC
ND4N	GRNVLE/PARIS MT		SC
WA4AWI	DEASON	107.2	TN
KT4PL	ROGERSVILLE		TN
448.3750 / 443.3750			
KC4AQS	CALHOUN/JASPER		GA
W1IFL	RALEIGH		NC
448.4000 / 443.4000			
KD4EKZ	CEDARTOWN	123.0	GA
WB4GWA	CONCORD	118.8	GA
N4TPL	MONTICELLO	100.0	KY
WB4GUG	SAURATOWN MT	107.2	NC
AD4DN	WILMINGTON	88.5	NC
AC4WW	AIKEN	107.2	SC
WD4DBJ	CUMBERLAND CITY		TN
WA4QWW	MEMPHIS		TN
448.4250 / 443.4250			
KD4CPO	BRUNSWICK		GA
KD4RTR	MILLARD		KY

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SERA REPEATER STATE INDEX LISTINGS BY FREQUENCY - Continues

WA1YYN	RES. TRIANGLE PK.	156.7	NC
448.4500 / 443.4500			
WB5TUF	ATLANTA		GA
KB4VAK	HIGH PT/LOOKT MT	77.0	GA
AE4NU	COX'S CREEK	151.4	KY
N5WXD	WEST POINT		MS
N4VOZ	STATESVILLE		NC
KC4RBA	LYNCHBURG		VA
448.4750 / 443.4750			
WW4T	BOGART		GA
KC4COV	FLORENCE	192.8	KY
KE4UIU	CANTON	156.7	NC
W4UNC	#CHAPEL HILL	131.8	NC
WB4TWX	FORT MILL		SC
N8FWL	BECKLEY		WV
448.5000 / 443.5000			
N4MTA	MARIETTA		GA
WD9EQC	LOUISVILLE		KY
KF4BRO	MAYSVILLE	123.0	KY
WB4UBY	META		KY
AJ0X	LAUREL		MS
WD4PQZ	G'BORO/H'POINT	77.0	NC
KD4CWB	KNOXVILLE		TN
448.5250 / 443.5250			
N4PQR	KNOXVILLE	114.8	GA
KC4KLW	ROCKMART		GA
N4EUX	LENOIR/CAJAH MTN		NC
KB4TLZ	KEYSVILLE	131.8	VA
KD4MJO	#SOUTH HILL		VA
448.5500 / 443.5500			
KE4WLP	GRIFFIN	123.0	GA
N4HZX	GRAEFENBURG		KY
KB5SAR	WAYNESBORO		MS
KC4XE	ROARING GAP		NC
WB4LRD	CHATTANOOGA		TN
KF4PGC	SMITHFIELD	100.0	VA
448.5750 / 443.5750			
KD4NTF	CEDARTOWN	107.2	GA
WA4PXV	#GRANDFATHER MT		NC
K4HA	RALEIGH	114.8	NC
KA6UHV	COLLEGEDALE		TN
W4LYR	LEBANON	100.0	TN
448.6000 / 443.6000			
KA4UHL	NANCY	100.0	KY
K5HYE	MENDENHALL		MS
N4DWU	MT MITCHELL		NC
W8CXD	FOREST	136.5	VA
448.6250 / 443.6250			
KD4KGR	GRAY		GA
W4UWH	JASPER	100.0	GA
W4EUS	RTP		NC
KE4EAN	COWPENS	136.5	SC
KA7UEC	COLLIERVILLE	107.2	TN
AD4QG	EVA		TN
KC4MJN	JAMESTOWN	100.0	TN
WZ8E	BLUEFIELD		VA
448.6500 / 443.6500			
KE4ZV	ATLANTA	100	GA
KE4RNM	OWENSBORO	203.5	KY
K4AIH	ANDRWS/ROBINSVL		NC
KD4WAR	BURNSVILLE		NC
KD4DNY	GREENSBORO		NC
WA4AXH	NOLENSVILLE		TN
K4UMI	HAMPTON		VA
448.6750 / 443.6750			
N4GWO	BARNESVILLE		GA
W4VO	ROME		GA
AD4LR	PARIS		TN
KD4IBW	SEVIERVILLE	100.0	TN
448.7000 / 443.7000			
W5CJR	HATTIESBURG	136.5	MS
KE4QOX	KVILLE/H POINT	103.5	NC
WA4LBT	LOCUST		NC
K4VVM	BARTLETT	107.2	TN
KB4OTK	LAFOLLETTE		TN
KB8UJG	PRINCETON	123.0	WV
448.7250 / 443.7250			
KB2DZA	CONYERS	77.0	GA
KE5LT	PICAYUNE	179.9	MS
K4GWH	GRAHAM	156.7	NC
KB5YJC	OLD HICKORY		TN
N8SNY	WELCH		WV
448.7500 / 443.7500			
K4GO	#COVINGTON		GA
KF4BMG	MARIETTA	156.7	GA
KC4ZTI	GASTONIA/CRWDR		NC
WB4EDS	ALAMO		TN
WD4KZK	ROANOKE/AIRPORT	107.2	VA
448.7750 / 443.7750			
W4IXN	DULUTH	82.5	GA
KF4INN	VERSAILLES		KY
KD4JFN	HAW RIVER	107.2	NC
KF4Y	LAURENS	141.3	SC
KA4MHJ	SPENCER		TN
448.8000 / 443.8000			
N4NFP	ATLANTA/MARIETTA	118.8	GA
K4MSU	MURRAY	114.8	KY
KC4QZL	MORGANTON		NC
WA4HNK	SUMMERVILLE		SC
KA4AZQ	KNOXVILLE	100.0	TN
WA1ZMS	BEDFORD/APL ORCH	100.0	VA
W4POX	PORTSMOUTH		VA
KA8OTX	OAK HILL		WV
448.8250 / 443.8250			
KD4WOU	MONROE	123.0	GA
N5ZNS	GLOSTER		MS
KC4KRM	SHELBYVILLE		TN
WB4KZI	PETERSBURG		VA
448.8500 / 443.8500			
KE4PN	#WALESKA	192.8	GA
WB4PQJ	BAGDAD		KY
KC4YOZ	DALLAS/CLT	100.0	NC
KE4OVN	DRESDEN		TN
KQ4RX	DANVILLE		VA
KB8TGK	HUNTINGTON	88.5	WV
448.8750 / 443.8750			
KD4LXT	ATLANTA		GA
KC4KPW	PINEY KNOB	103.5	NC
KD4KPV	MCKENZIE		TN
W4DUM	WILLIS		VA
W8SP	FAIRMONT		WV
448.9000 / 443.9000			
KC4KZT	DAVID	167.9	KY
N5DWU	WAYNESBORO	167.9	MS
KF4HFS	HIGH POINT		NC
W4GWD	GREENWOOD	107.2	SC
KD4HII	CHATTANOOGA		TN
N4EVG	CHESAPEAKE		VA
448.9250 / 443.9250			
KQ4XL	MONROE	123.0	GA
WA4LJU	RINGGOLD		GA
W5OXA	BILOXI		MS
KE4KNZ	MCEWEN		TN
KF4AGO	SOUTH BOSTON		VA
448.9500 / 443.9500			
KA4UFM	DECATUR	110.9	GA
KC4TX	CANE VALLEY		KY
N5ZDF	HAZLEHURST	100.0	MS
WA4US	WILMINGTON		NC
KC4FV	ARNOLD A.F.B.		TN
KD4OBX	KNOXVILLE		TN
N4ER	MEMPHIS		TN
448.9750 / 443.9750			
KB4NPO	REX		GA
KE4BHZ	HAZARD	103.5	KY
KB5OXE	DERBY		MS
WA4WGY	EDEN		NC
WR3S	LAVERGNE		TN
KA4WJS	ROCKWOOD		TN
N8FIP	WESTON		WV
449.0000 / 444.0000			
WB4QDX	LAWRENCEVILLE	10030	GA
WD4AFY	SAVANNAH		GA
AD4RU	IRVINE		KY
KG5YV	CLINTON	100.0	MS
KK4YP	SELMA		NC
N0YNV	BLYTHEWOOD		SC
WD4BKY	GALLATIN	107.2	TN
KD4CWB	KNOXVILLE	100.0	TN
WA4ETE	MEMPHIS	107.2	TN
KK4SN	PORTSMOUTH		VA
KC8IT	MULLENS		WV
449.0250 / 444.0250			
WA4NMF	LAWRENCEVILLE	100.0	GA
AE4PO	WAYCROSS	141.3	GA
KD4JFN	HIGH POINT	107.2	NC
KC4WHL	HARRIMAN		TN
K4RDK	MEMPHIS		TN
449.0500 / 444.0500			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
KE4NLL	SALYERSVILLE		KY
K4OLC	TAYLORSVL/BARR M.		NC
N4PYI	NASHVILLE	107.2	TN
KB4OLM	STUARTS DRAFT		VA
449.0750 / 444.0750			
AE4GU	CARROLLTON	107.2	GA
KB8SBN	INDEPENDENCE	110.9	KY
KD4BOH	ROCKPORT	77.0	KY
K4ZO	NEWTON		NC
KC4PDQ	MARYVILLE		TN
KF4ATY	MEMPHIS		TN
KD4TBC	GRETNA/SMITH MT	67.0	VA
K8OJC	HURRICANE		WV
449.1000 / 444.1000			
W4BKM	MACON		GA
W4WSM	BOWLING GREEN		KY
N4UL	LOUISVILLE	173.8	KY
WR4AGC	DURHAM		NC
KC4AC	LANCASTER		SC
W4AM	CHATTANOOGA		TN
KE4FH	JOHNSON CITY		TN
KA4JXT	MEMPHIS		TN
LE4CLK	STAUNTON/EL KNOB	131.8	VA
KB4ZIN	WILLIAMSBURG		VA
449.1250 / 444.1250			
KE4PVE	PENDERGRASS	100.0	GA
KC4ZY	LEXINGTON		KY
WB4GUG	MCLEANSVILLE		NC
KC4ECD	LAFAYETTE	107.2	TN
KA4JXT	MEMPHIS		TN
N8LVE	BECKLEY		WV
N8RCG	KEYSER		WV
449.1500 / 444.1500			
W4PME	ATLANTA/BELL		GA
WB4IVB	MIDDLESBORO	100.0	KY
WD5BJT	CLERMONT HARBR		MS
WB5YCR	NEW ALBANY		MS
KE4GTM	GASTONIA/CRWDR		NC
W4GL	SUMTER	123.0	SC
WB4NTM	NASHVILLE		TN
KI4ZR	LEXNGTN/ROCK MT.		VA
KC8AOF	RIPLEY		WV
449.1750 / 444.1750			
KE4PVE	COVINGTON	100.0	GA
KC4COV	FLORENCE	192.8	KY
KC4NNN	KNOXVILLE		TN
W2GLJ	MEMPHIS		TN
WD4ICX	FANCY GAP	107.2	VA
N8FMD	CLARKSBURG	103.5	WV
449.2000 / 444.2000			
WA4DB	#GAINSVILLE		GA
KR4PF	MARION	100.0	KY
WB4KUC	PRESTONSBURG		KY
KE4QEA	#KING/SAURATOWN	100.0	NC
WA4US	WILMINGTON		NC
KF4GHC	COLUMBIA	156.7	SC
KB4YTU	BROWNSVILLE		TN
KD4HII	CHATTANOOGA		TN
N4ARK	NASHVILLE		TN
WB4VWR	ENON		VA
N8ZVK	FLATWOODS		WV
449.2250 / 444.2250			
WB4BDP	WARNER ROBINS		GA
KE4SJO	WOODSTOCK		GA
K4GWH	GREENSBORO	146.2	NC
N4ARK	NASHVILLE	107.2	TN
WV8AR	CHARLESTON	123.0	WV
449.2500 / 444.2500			
W4BOC	DECATUR		GA
KF4DC	GLASGOW/CVCTY		KY
KK5RK	GULFPORT		MS
WA4KNI	HENDSVL/BERWLW		NC
WA4PAJ	BARTLETT		TN
WQ4E	GREENBRIER		TN
WA4TFZ	CHARLOTTESVILLE	151.5	VA
N8ZAR	BUCKHANNON		WV
449.2750 / 444.2750			
KE4BB	CULLODEN	123.0	GA
KE4SZI	DAWSON SPRINGS		KY
W4NC	WINSTON-SALEM		NC
W4GZX	CLEVELAND		TN
WA4AXH	LEBANON		TN
KE4RTQ	WALTHALL MILL	114.8	VA
449.3000 / 444.3000			
WA4DB	CARROLLTON	107.2	GA
N4DRL	BYHALIA		MS
KC5RC	HEIDELBERG	100.0	MS
WA4VTX	#ELIZABETH CITY		NC
N4MNH	CHARLESTON		SC
WB4GBI	KNOXVILLE		TN
WA4BZU	NASHVILLE	107.2	TN
K4BW	ACCOMACK	156.7	VA
KI4ZR	LEXINGTON		VA
KD4NVM	MAPPSVILLE		VA
449.3250 / 444.3250			
KB5ZZC	COLUMBUS		MS
KB5KGE	JACKSON		MS
WA4QFV	WHITAKER MTN		NC
WA4BZU	CLARKSVILLE	107.2	TN
WB3T	WYTHEVILLE/SAND	103.5	VA
KA8ZXP	GLENVILLE		WV
449.3500 / 444.3500			
W4MMQ	HELEN		GA
KE4PVE	NEWNAN	100.0	GA
KB0Y	VALDOSTA	141.3	GA
K4CO	WALTON		KY
WB4IKY	GIBSONVILLE	107.2	NC
KR4LO	GRANTSBORO		NC
KA4KNU	#WILLIAMSTON		NC
WD4BKY	GALLATIN	114.8	TN
KD4CLA	PIGEON FORGE	156.7	TN
N4CH	BEDFORD		VA
WB8YST	CHARLESTON	107.2	WV
449.3750 / 444.3750			
KB4IZF	JASPER	103.5	GA
KD4DAR	PIKEVILLE		KY
KB5HAV	PEARL	88.5	MS
KB4YTM	HUNTINGDON		TN
N4OWU	FANCY GAP	107.2	VA
449.4000 / 444.4000			
AA4UA	AUGUSTA		GA
WB0QGH	HOG MTN	82.5	GA
KD4YGK	SHEPARDSVILLE	203.5	KY
WB4YZF	FAYETTEVILLE	100HZ	NC
KC4YOQ	FOREST CITY		NC
WA4KOG	MEMPHIS		TN
N4PYI	MT JULIET		TN
K4EAJ	OAK RIDGE	82.5	TN
WA4OHX	HAMPTON		VA
W8ARA	FLATTOP/EGERIA	100.0	WV
449.4250 / 444.4250			
WB4JWM	JULIETTE	156.7	GA
N4LGT	DEANE		KY
N4ZVN	MONROE	94.8	NC
KC4NNN	KNOXVILLE		TN
WA4ISI	ALTAVISTA		VA
KB8TJH	SHIRLEY		WV
449.4500 / 444.4500			
W4DOC	ATLANTA	146.2	GA
KO4OT	SIMPSONVILLE		KY
KB5LCL	JACKSON	141.3	MS
W4CQ	CHARLOTTE		NC
KE4JMH	WAYNESVILLE		NC
WA4US	WILMINGTON		NC
KB4YTU	BROWNSVILLE		TN
W4CAT	GALLATIN	107.2	TN
WJ9J	SODDY DAISY		TN
W8MOP	BLUEFIELD		VA
W8MOP	BLUEFIELD		WV
449.4750 / 444.4750			
KD4GEY	FOLKSTON		GA
N4CLA	SWEAT MT/MARIETT.		GA
KF4QZN	MAMMOTH CAVE	179.9	KY
AD4BI	PIKEVILLE		KY
N4OOC	FLATTOP MNT/AVL		NC
KD4DNY	GREENSBORO	107.2	NC
N4ZKR	SUMMITVILLE	107.2	TN
AD4ZK	NORFOLK		VA
449.5000 / 444.5000			
W4MM	ALBANY		GA
WB5TUF	ATLANTA	123.0	GA
N4BZJ	DALTON	118.8	GA
WD4ICX	LEXINGTON		NC
N4JEH	TARBORO	100.0	NC
K4GYR	SUMTER		SC
K4JP	BRISTOL/HLST MT		TN
KB4KSL	KNOXVILLE		TN
N4WAH	MEMPHIS		TN
K4HEX	LYNCHBRG/TOB MT	136.5	VA
W8HYX	HURRICANE		WV
449.5250 / 444.5250			
KD4IEZ	CHESTER	156.7	GA
WD4JXR	SNELLVILLE		GA
KJ4VF	GRETHEL		KY
N5NNI	NEW HEBRON		MS
WA4PEN	RALEIGH	88.5	NC
N4LV	MYB BCH/BRKSVIL		SC
KD4IBW	KNOXVILLE	100.0	TN
WA4BGK	NASHVILLE	107.2	TN
449.5500 / 444.5500			
WB4JEH	CONYERS	151.4	GA
K4DC	LEWISPORT		KY
KC4DUU	LEXINGTON		KY
WB4VTE	GASTONIA/SPCR MT		NC
KK4VM	ROANOKE RAPIDS	192.8	NC
NQ4Y	COOKEVILLE	107.2	TN
KF4SCT	MCNAIRY	107.2	TN
WA4PCD	#NASHVILLE		TN
W4QR	HAMPTON	167.9	VA
WA4RTS	LYNCHBURG	136.5	VA
449.5750 / 444.5750			
W4SCR	DOUGLASVILLE	88.5	GA
N4MVY	PHELPS		KY
KC5CLM	PORT GIBSON	141.3	MS
N4HAJ	KINSTON	88.5	NC
W4GS	#MYRTLE BEACH	85.4	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4WCK	NASHVILLE		TN
449.6000 / 444.6000			
WA4NKL	QUITMAN	127.3	GA
N4NMC	LOUISVILLE	151.4	KY
KC4FIE	MADISONVILLE		KY
WA4SJH	SPRINGFIELD		KY
KB5CO	JACKSON	100.0	MS
W4BFB	CHARLOTTE	100.0	NC
KC4WXA	OXFORD		NC
KT4YW	NO. CHARLESTON		SC
WB4HAP	KNOXVILL/ENG MTN.		TN
WA4AUX	PROSPECT	118.8	TN
WC8K	WESTON		WV
449.6250 / 444.6250			
KM4DT	BONAIRE	82.5	GA
KB4QFL	HAWESVILLE		KY
N5OCF	RICHTON		MS
WB4DVN	LUMBERTON		NC
WD4EOG	CLEMSON UNIV.	156.7	SC
KD4TUD	JEFFERSON CITY		TN
N4TK	NASHVILLE	107.2	TN
WZ8E	BLUEFIELD		VA
KF4LWH	SOUTH BOSTON		VA
449.6500 / 444.6500			
K4YC	IVEY		GA
N4IBW	SMYRNA		GA
WB4FUR	STENNIS SPC CEN		MS
N5NBG	WALLS		MS
NE4J	MIDDLESEX	179.9	NC
N4MME	#SALISBURY		NC
WA4US	WILMINGTON		NC
WB4NKM	GREENEVILLE	100.0	TN
W4CAT	SHRT MT/MURFREB	107.2	TN
N4EHJ	RICHMND/CHLTVL		VA
449.6750 / 444.6750			
N4YTR	PEACHTREE CITY		GA
KC4VYX	ROBINSON CREEK		KY
KF4AWA	SALVISA	203.5	KY
N5PS	GREENVILLE		MS
W4WBT	CHARLOTTE		NC
KE4JDP	#JACKSONVILLE	88.5	NC
KD4IHW	RESEARCH TRI PK		NC
W4GS	MYR BCH/CONWAY		SC
WA4PCD	NASHVILLE		TN
WD4MIZ	NORFOLK	107.2	VA
K8WGB	GASSAWAY	123.0	WV
449.7000 / 444.7000			
WD4LUQ	DALLAS	77.0	GA
WB4DOJ	MILLEDGEVILLE	156.7	GA
KF4BJM	VALDOSTA	141.3	GA
N5KOL	BOWLING GREEN	136.5	KY
NC5Y	JACKSON		MS
KD4BGD	LUMBERTON	114.8	NC
N4JEH	ROCKY MOUNT		NC
WD4OAR	#CHATTANOOGA		TN
K4AU	DANVILLE/WHT OAK		VA
N4WWB	GATE CITY		VA
K8LG	MORGANTOWN		WV
449.7250 / 444.7250			
KD4AOZ	WATKINSVILLE		GA
KY4K	HENDERSON	203.5	KY
KE4ISR	LEXINGTON		KY
W4ZCD	HICKORY FLAT	179.9	MS
KQ4LO	WINSTON-SALEM	107.2	NC
WA4AKM	FRANKLIN	107.2	TN
WB0TMC	JACKSON	107.2	TN
N4CKB	SEVIERVILLE		TN
KF8FO	KEENY MTN	103.0	WV
449.7500 / 444.7500			
N4ZRF	LAKEMONT		GA
KE4AIF	HOPKINSVILLE	103.5	KY
WB9SHH	MONTICELLO		KY
KK5RK	MCHENRY		MS
W5VZF	STARKVILLE		MS
KC4YOT	GASTONIA/CRWDR		NC
KD4JFN	PITTSBORO	107.2	NC
K4TC	HENDERSON		TN
N4PYI	MT JULIET	156.7	TN
WD4KQI	FOREST		VA
449.7750 / 444.7750			
N4NEQ	ATLANTA/MARIETTA	118.8	GA
N4MXC	COCHRAN		GA
N4IWZ	ALLEN	123.0	KY
KC4UPE	NICHOLASVILLE	167.9	KY
AF4CI	OLD FORT		NC
W4ATC	RALEIGH		NC
WA4RQF	#WINSTON-SALEM	103.5	NC
WA4AKM	GALLATIN	107.2	TN
449.8000 / 444.8000			
WA4ASI	COVINGTON	88.5	GA
W4BEJ	ELIZABETHTOWN		KY
KB5CO	JACKSON		MS
WB4PMQ	GREENVILLE	131.8	NC
K4YEC	REIDSVILLE	107.2	NC
K0JXI	MEMPHIS		TN
N4PYI	NASHVILLE	110.9	TN
KB4MIC	OILVILLE		VA

THIS SPACE FOR SALE! THIS VERY HIGHLY VISIBLE PRIME AD LOCATION IS NOW AVAILABLE IN EACH ISSUE OF THE REPEATER JOURNAL. PANELS ARE ON THE OUTSIDE OF THE REPEATER INDEX PAGES. LEFT OR RIGHT PANELS 1-INCH X 10-INCHES MINIMUM 1 YEAR FOR ONLY $50.00 PER ISSUE. CONTACT REPEATER JOURNAL SALES. SEE PAGE 2

SERA REPEATER STATE INDEX LISTINGS BY FREQUENCY - Continues

WV8B	BECKLEY/OAK HILL .		WV
W8CUL	MORGANTOWN .		WV
449.8250 / 444.8250			
W4DOC	ATLANTA	146.2	GA
KC4UPE	BEATTYVILLE		KY
KC4VXR	SALEM	100.0	KY
KB5DSN	AMORY		MS
KF4UY	MT AIRY/FSH PK ...	100.0	NC
K4GWH	RALEIGH	146.2	NC
K5FE	MEMPHIS		TN
N4PYI	SMITHVILLE	107.2	TN
WA4ZBP	STAUNTON	131.8	VA
449.8500 / 444.8500			
N4BZJ	DALTON		GA
N4YXL	GREENSBORO ..	103.5	GA
KF4UM	HINESVILLE		GA
AA4NI	NEBO		KY
KC5LXF	PINOLA		MS
W4CQ	CHARLOTTE ...		NC
K4GMP	WILMINGTON ...	88.5	NC
WD4MWQ	MCMINNVILLE ...		TN
K7AG	MEMPHIS	107.2	TN
WA4NDQ	NORTON/HIGH KNOB	103.5	VA
AB4SF	RICHMOND		VA
WD4KZK	ROANOKE/READ MT	107.2	VA
AA8MR	HUNTINGTON/CHAS		WV
449.8750 / 444.8750			
KC4UPE	SALVISA	167.9	KY
N5HTQ	MCCOMB	100.0	MS
KD4RAA	RALEIGH	162.2	NC
KD4UWA	CHATT/MONTLAKE M	136.5	TN
WA4AKM	NASHVILLE	107.2	TN
KB4WTP	BIG "A" MTN		VA
449.9000 / 444.9000			
NA4I	AUGUSTA		GA
N4KHQ	DAHLONEGA ...		GA
WA4DXS	ST MARYS		GA
WB4IVB	CORBIN	100.0	KY
W4YWH	HIGHLAND HEIGHTS.		KY
N4DWT	ASHEVILLE		NC
WD4JMS	NEW BERN	100.0	NC
NE4J	WILSON	179.9	NC
WB4MMI	RAMER		TN
W4LYR	WATERTOWN ...	100.0	TN
N4XRY	FANCY GAP		VA
N8SCS	BELINGTON		WV
KE4QOX	LOGAN		WV
449.9250 / 444.9250			
WB4NFG	IRWINTON	77.0	GA
N4PJR	JESUP		GA
KY4X	GLASGOW		KY
KO4LI	OLIVE HILL		KY
N5PYQ	SOUTHAVEN ...	107.2	MS
WB5TTE	VICKSBURG		MS
KE4ZTD	HATTERAS ISLAND .	131.8	NC
N4XRY	MOUNT AIRY		NC
AC4RZ	EASLEY/SAS MTN ..	103.5	SC
WA4AKM	COLUMBIA	107.2	TN
N4VIH	DOVER		TN
WB8BON	ROANOKE/TINKER M		VA
449.9500 / 444.9500			
WR4MG	PERRY		GA
N4DUE	LEXINGTON		KY
N5VGK	TUPELO	192.8	MS
WA1WXL	DALLAS/CHARLOTTE	136.5	NC
W4DW	RALEIGH		NC
KF4GP	CLARKSVILLE ...	167.9	TN
WB8EYJ	CROSSVILLE	107.2	TN
WB4NNE	MEMPHIS		TN
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH ...		VA
WB8CQV	SO. CHARLESTON .		WV
449.9750 / 444.9750			
WA4YNZ	ATLANTA		GA
K4TVE	BRUNSWICK ...		GA
KF4LAP	COCHRAN		GA
WA4YNZ	#CUMMING		GA
KF4DTJ	ASHLAND		KY
WB4CWF	NICHOLASVILLE ...		KY
KQ4ML	ASHEBORO		NC
W4YMI	#NEWPORT CCARS		NC
KC4ZTJ	POLKVILLE		NC
WM3O	ORANGEBURG ..		SC
KQ4E	MORRISTOWN ..		TN
WA4AKM	NASHVILLE	107.2	TN
N4AZJ	PEARISBURG ...	103.5	VA
N8EKT	WHEELING		WV
439.2500 / 911.2500			
KA5NOJ	GAUTIER		MS
426.2500 / 923.2500			
K4HEX	LYNCHBURG ...		VA
WA4CDM	KNOXVILLE		TN
439.2500 /1280.0000			
W4HTB	BOWLING GREEN .		KY
920 MHZ			
907.1000 / 919.1000			
N4BZJ	DALTON		GA
907.5000 / 919.5000			
WD4KZK	ROANOKE/POOR MT		VA
908.8000 / 920.8000			
KQ4E	MORRISTOWN ..		TN
908.9000 / 920.9000			
KM4TT	ROANOKE	123.0	VA
909.0000 / 921.0000			
K4HEX	LYNCHBRG/TOB MT .	100.0	VA
909.1000 / 921.1000			
WA1ZMS	BEDFORD/APL ORCH	100.0	VA
909.2000 / 921.2000			
K2AD	LYNCHBURG ...	100.0	VA
910.2500 / 923.0000			
WA4VHP	#SAVANNAH		GA
K4ZGA	NASHVILLE		TN
1270 MHZ			
1253.2500 / 421.2500			
N4WAH	BARTLETT		TN
1265.0000 / 421.2500			
N4BZJ	DALTON ATV		GA
1253.0000 / 427.2500			
N4NEQ	ATL/MARIETTA ...		GA
1277.2500 / 427.2500			
WB4IUY	WENDELL		NC
W4PPN	#CHARLOTTE ...		NC
1271.1000 /1283.1000			
WA1ZMS	BEDFORD/APL ORCH	100.0	VA
1271.4500 /1283.4500			
WB5TUF	ATLANTA		GA
1272.4000 /1284.4000			
WA4AKM	NASHVILLE		TN
1274.5000 /1286.5000			
WA4AKM	SMITHVILLE		TN
1271.0200 /1291.0200			
N4CH	ROANOKE/POOR MT		VA
1271.4000 /1291.4000			
KB4SXY	GREENSBORO ..		NC
1272.0000 /1292.0000			
KB4KIN	ATLANTA/BELL ...		GA
N0WFL	BLYTHEWOOD ..		SC
N4HKS	MEMPHIS		TN
1272.8200 /1292.8200			
KE4GTM	GASTONIA/CRWDR .		NC
2.4 GHz			
2441.6000 /2411.6000			
WA1ZMS	BEDFORD/APL ORCH		VA

REPEATER OWNERS!

Don't forget to return your 1999 Repeater Datasheets to SERA. We need your updated information to assure our database information on your machine is correct in our files This prevents problems for future coordinations around you.

Join or renew as a SERA Full Repeater Member

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: GA, KY, MS, NC, SC, TN, VA, & WV

1999 Repeater Full Membership Application

Please fill out the this short form SERA Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as SERA representatives. ONLY these two will have voting rights, and receive the *Repeater Journal.* MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next February 1999 Repeater Journal is Jan. 1, 1999.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL.*

NAME ____________________ CALL __________

ADDRESS ____________________

CITY ____________ STATE ______ ZIP ________

HOME PHONE #: (   ) ______________

E-MAIL ADDRESS: ____________________

ARRL MEMBER: [   ] YES [   ] NO

NAME ____________________ CALL __________

ADDRESS ____________________

CITY ____________ STATE ______ ZIP ________

HOME PHONE #: (   ) ______________

E-MAIL ADDRESS: ____________________

ARRL MEMBER: [   ] YES [   ] NO

FULL MEMBERSHIP: [   ] NEW [   ] RENEWAL - (**$20.00** - **FOR CALENDAR 1999**) FEE ENCLOSED - AMOUNT $__________

REPEATER IS SPONSORED BY: (Name of Club OR Owner) ____________________

REPEATER TRUSTEE'S NAME ____________________ CALLSIGN __________

IF A 1999 SERA REPEATER DATASHEET WAS NOT RECEIVED IN SEP or OCT, INDICATE PERSON'S NAME AND ADDRESS TO SEND DATASHEET TO:

NAME ____________________ CALLSIGN __________

ADDRESS ____________________ CITY ______________ STATE ________ ZIP __________

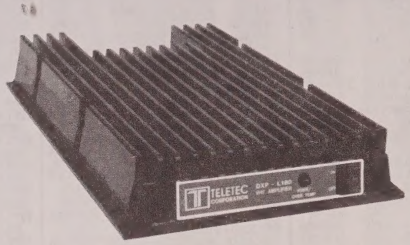
- *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP*

An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

RJ 11-98

This is no MIRAGE !



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TELETEC's DXP **Series Linear Amplifiers** clearly outperform the competition. The die cast aluminum heat sink provides an attractive low profile, but powerful package. Theses amplifiers operate in all modes: FM, SSB, CW, and AM. Transmit/Receive Switching is automatic - RF sensed. Over/Reverse Voltage, Over-Temp, and VSWR protection are provided. Available Options include: ATV tuning, Repeater tuning, Preamp disable and keying wire kit. "N" connectors are also available (std on DXP-U150). These units have been designed to be easily installed in-line with most VHF and UHF radio systems. Workmanship is the the highest commercial standards. Surface mount technology is also used.

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Model #	Freq. (MHz)	Pwr Rating (In/Out)	Sugg. Retail
DXP-L180	6 meter	15W/180W	$379.00
DXP-V175	2 meter	50W/175W	$329.00
DXP-V220	220 MHz	20W/150W	$369.00
DXP-U150	70 cm	30W/150W	$429.00

Typical Output Power -- DXP and DXR Models

Watts In	Watts Out			
	L180	V175	V220	U150
1	25	7.5	15	6
2	45	17	30	14
5	114	42	68	36
10	164	84	110	80
15	200	108	148	120
20	---	130	168	150
30	---	155	---	170
40	---	172	---	---
50	---	187	---	---

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NOISE: Defined as any unwanted or unpleasant sound. In the 2 meter ham band it is defined as a paging transmitter.

A round of applause please for paging transmitters !! Before some of you get choked on your PL259, lets look at the enjoyment of having a spurious paging transmitter next door to your ham repeater. It keys up with a pleasant tone burst, or hangs with data noise. Your old ham friend fades into the mix of data and tones, the repeater PA melts from being keyed way too long..... oh the joyous celebration goes on and on. You call the paging company, stay on hold forever, get transferred ten times, finally get tech support, "sorry, its not us " Visions of explosives fill our head !

But lets back up. Last time in my tech tip area, I mentioned some ideas of finding interference. Lets do some thinking before we blame the paging company.

In the last year, we have had several interference problems with ham repeaters as well with the State Police system from outside sources. Before we instantly blame the paging company, lets check OURSELVES FIRST!

Check EVERY rf connector, cable, and ground on your own repeater. Make sure everything is tight, clean, and working. Is the receiver front end tuned CORRECTLY? Is your PA tuned up CORRECTLY? Double check yourself Now we know its not our toys.

If you have heard the problem, you may know the origin. But if not, look around your site. What other systems are up there? How close? Compile a list of everyone on the mountain with you, even broadcast stuff. Get frequencies, control point telephone numbers, trustee names, and power levels if possible.

With your data in hand, look around with a spectrum analyzer (borrow or rent one) at each site. But be careful! Some spectrum analyzers may show spurs from a tx because of overload on the front end. I look around, then pull off the antenna, sometimes using a paper clip, or even my finger. Reduce the signal input and confirm the spurious emissions.

When none of your neighbors are the problem, then what? Look at the input frequency of your repeater, listen for the noise, this may take several hours, but keep looking. I use a handheld scanner to listen to the repeater while watching the spectrum. Don't allow the scanner to throw you, they have very broad front ends and will pick up a close tx several mhz away! Be patient, look, listen, and always take a snack !

When I have found a transmitter that appears to be the problem, I enter that frequency into my scanner, and monitor it. I also monitor my repeater. Confirmation is when the problem repeater comes up, it gets into yours. Now its time for the hard part. By now, I'm tired, hungry, grouchy, and bee stung. I search out the trustee of the problem. I will not go into detail of the run-around games, but they happen. My advice is this: Always be polite. Ask for their technicians or tech support. Explain to them that you have observed spurs coming from their transmitter. Explain Briefly how you found it was them. Try to work with them. Be patient. Making threats to call the FCC gets you the "nut label ".

I give them the information, explain the problem, and then give them some time. If then I see no action, I call again. Most places will say "we'll check it " They will eventually be there in a few days. Remember they are working fine, you're the one out of service. I must admit I get a little better response from people when the State Police base is getting wiped out but being polite, professional, and curtious always helps.

Some of the problems may be from lightning. Others may be from a bad antenna or cable. Mobile pa's running full time, full power can spur. Mistuned pa's can spur. Frequencies can mix, called intermod. Paging companies don't see ham repeaters as a serious situation. Its not ALWAYS a paging transmitter causing the problem. Hot on the left, Cold on the right, Payday on Friday. Patience is a virtue, but revenge is more fun !

Over the past year, I have found some interesting problems causing interference: A GE Master II creating broadband noise from 130 - 175 mhz because of lightning; A splice in hardline, getting wet, made a paging tx spur +/- 15 mhz; A Micor mobile, running full power continuous, muffin fan failed, pa overheated, made spurs +/- 20 mhz; and a loose PL259 on the antenna line of my 6 meter repeater, allowing a 170 mhz weather system to bleed in.

Approach interference in a calm, technical, and well informed manner. Working with the trustee will get you further. After every attempt fails, contact your local APCO or other coordinator, then if all else fails contact the FCC. I found an unlicensed paging transmitter last year. Sometimes hunting interference leads to some interesting finds !

Sometimes the interference is another coordinated repeater on the same frequency. Both machines are working fine, all tuned up correctly: Now what? That's where several hams have had long hard battles. We all know 2 meters is crowded, but why insist on adding a new repeater just because we want to be childish and compete? I've seen good ham clubs destroyed over repeaters. Come on children, lets play nice!

The SERA coordinators will help in any way they can. Granted, the power to force someone to move or change frequency is limited, but if the repeater IS coordinated, and a new one is not, the coordinated one should have privilege. Working with the coordinator will help everyone. If you hear some bad mouthing of the coordinator, consider the source. Sometimes you have two repeaters, both on high peaks, and they get overlapping coverage. Now what? Get together and talk it over. Different CTCSS tones is often a good option. Possibly lower transmit power? Maybe change antenna pattern on a dipole array? Maybe find a new frequency and share the cost?

Momma always said :

" If you can't win'em with words, shoot 'em"

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SPOTLIGHT PAGE

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29.680	Bluefield, VA.	WZ8E	Oneida Peak
145.170	Beckley - West	WV8B	Bolt Mountain
145.230	Beckley - North	N8FWL	Lick Knob
145.250	Bluefield, WV	KD8XK	East River Mt.
145.310	Beckley - East	N8FCJ	Mann Mountain
146.625	Beckley - South	WV8B	Flat Top Mountain
146.685	Mt. Lake, VA.	WZ8E	Salt Pont Mountain
146.955	Bluefield, VA.	WZ8E	Oneida Peak
147.030	Mullens, WV	KC8IT	Herndon Mountain
147.270	Roanoke, VA	KB4QWO	Poor Mountain
147.360	Beckley, WV	N8FWL	Mabscott Hill
224.120	Beckley - South	WV8B	Flat Top Mountain
224.240	Beckley	N8FWL	Mabscott Hill
442.300	Beckley - West	W8LG	Bolt Mountain
442.850	Roanoke, VA	KA4IXK	Poor Mountain
442.975	Abingdon, VA	KB8KSP	Brumley Mountain
443.475	Beckley - Town	N8FWL	Mabscott Hill
443.625	Bluefield, VA.	WZ8E	Oneida Peak
444.000	Mullens, WV	KC8IT	Bear Wallow, Mt.
444.125	Beckley - East	N8LVE	Mann Mountain
444.400	Alderson, WV	WV8B	Keeney Mountain
444.625	Bluefield, WV	WZ8E	East River Mt.
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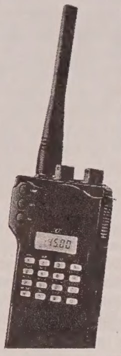

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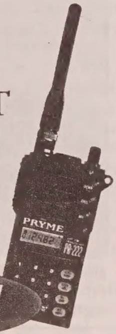

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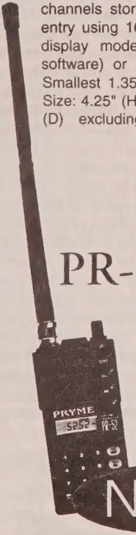

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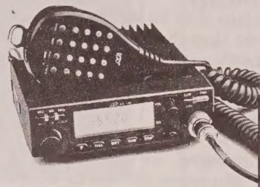

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Editorial Comment -

(Continues from page 1)

just left. He complains about the crowd, complains about no dealers, complains that there is nothing there, complains about the food, the weather, just everything.

This is really unfair for any club trying to put on a little show, regardless of the size. Maybe the fella who complains so much needs to review his expectations. Probably the reason he is upset is because he didn't get that particular radio, or get it at the price he wanted to pay - as a result, everything about the danged hamfest is wrong now.

I've seen the same fella complain that he went by a dealer's store - nothing there - even though over $100,000 in inventory may have been laying out.

We really need to quit giving this fella an audience - maybe then he'll shut up!

I'm kinda tired of listening to him.

* * * * *

If your club is public service oriented, we've really got a goodie for you. Read about the "Sunrayce 99" event which will be passing through several SERA states. Many volunteers will be needed to provide radio communications.

* * * * *

We finally got us a Mississippi Correspondent to write in the Journal. He is Mark Simmons, KD4EDV. Mark is also one of the Assistant Coordin- ators for that state. He will be doing double duty coordinating and writing. I hope the hams in MS will give him lots of news. We've really been needing a good writer for that state - now we have him! Welcome Mark!

* * * * *

We have a change in Journal correspondents for Eastern Tennessee. Wayne Houser, resigned and he has been replaced by Donald Phibbs, Jr. AD4QQ. Donald has also been drawing some cartoons for us. You will note several in this issue. I kinda like them! A warm welcome to the staff, Donald.

-Wayne C. Williams, K4MOB, Editor

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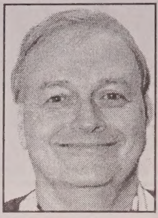
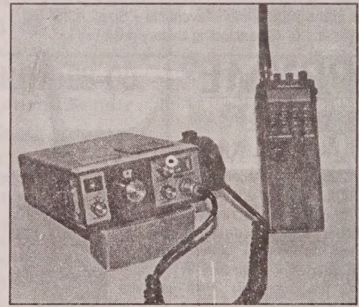


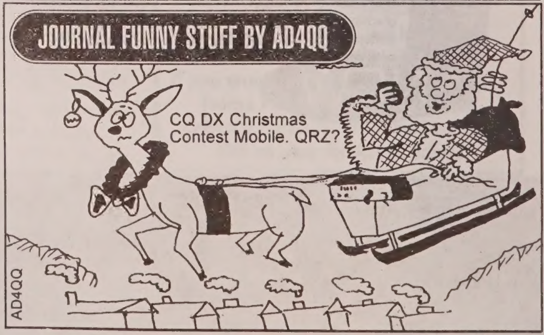
Nostalgic Wavelengths

DAVID BOWER K4PZT
d.bower@ieee.org
P.O. BOX 10145
KNOXVILLE, TN 37939

As I write this piece, I have just finished a brief conversation with N6TFS, Bruce, near Los Angeles on 146.820. It's an open repeater with 30 second beep mainly used for California road emergencies and short contacts (I kept the QSO short). No it's not rare sporadic double hop E-skip from East Tennessee. I'm in Anaheim on a business trip and trying to unwind before I hit the sack. I'll be heading back tomorrow and it's been a short trip. However, I've had a little time to monitor two meters while in sunny California. The activity, of course, is much greater but it's the culture of the hams that is so different. I remember when I first operated two meters using repeaters in Knoxville. It was the mid 1970s and I had seen this neat Drake TR-33C rig at a local electronics store (now out of business). The sales person gave me a good discount and I was soon heading home to try it out. It was the era of synthesized rigs and I had to purchase an assortment of crystals to QSY. The transceiver was about the size of conventional rigs but had the capability to operate with internal batteries or external power. A telescoping (internal) antenna permitted it to be removed from a car and operated as an "oversize" HT. The power was just a few watts. The controls were basic with a simple knob for selecting the appropriate crystal, another for selecting -600, +600, or simplex, and still others for volume and squelch—that was about it. The Drake served me well for years, both in my vehicle and on the road in other states. Things sure have changed with the later generation of transceivers and HTs with enhanced capabilities requiring a concentrated training effort to learn the many functions including, in some cases, cross-band operation. Some come in flavors so small that they fit in your shirt pocket My first HT was a HTX-202—one of the initial ones out. It's the HT I just used to finish my contact tonight and it is now my travelling companion away from home. The Drake now sets silently in my basement waiting, perhaps, a second life for packet. When I traded cars several years ago, I decided it was time to retire it. I now have an Azden 7500 six meter mobile in my new vehicle, soon to be joined by its 7000 series Azden two meter brother. While the Drake will probably not see mobile service for me again, it will certainly stay with me as my ham operations move toward the next century. I wonder if I'll keep the HTX-202 when its retired early next century after I acquire my new wrist radio HT accessing the next generation of low orbital satellite repeaters.



My Drake TR-33C next to the Radio Shack HT-202 HT. Note the simplicity of controls on the Drake transceiver.


JOURNAL FUNNY STUFF BY AD4QQ
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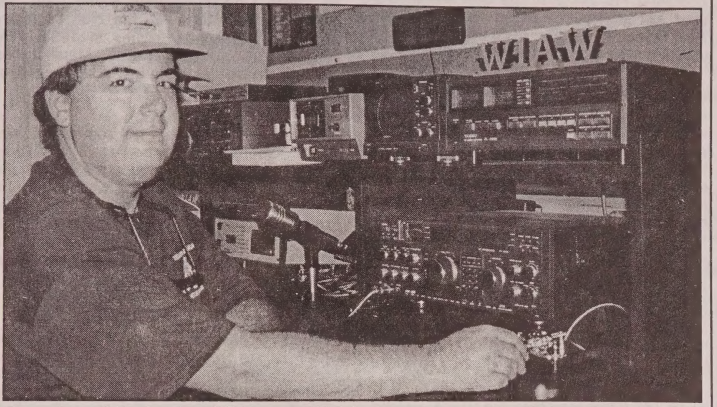
Bill, KB1G visits the famous W1AW ARRL station!



Greensboro (NC) Amateur Bill Boyes, KB1G had a unique opportunity to visit ARRL headquarters in Newington, CT on Friday August 21. After a tour, he sat down at one of the magnificent HF stations which make up the famed W1AW. He made some 20 meter contacts using an impressive antenna array. The attendant at W1AW said that there no need to use an amplifier because the callsign already adds 10 db to the signal report! After working a few contacts, Bill was inclined to agree. Bill is the coordinator for Triad Skywarn and is active on the 40 and 80 meter CW bands. He is a member of the Greensboro (NC) ARA.

Protecting Our Amateur Radio Privileges

-By Bob Gault, KD4NEC,
West Tennessee correspondent

With the move toward increased use of wireless technology, new receiving and transmitting towers are being erected weekly by cellular phone providers. Hams need to stay informed about local government regulations to ensure amateur radio isn't adversly affected.

Such was the situation I encountered here in Cleveland, (TN) when an attempt to regulate where cell towers can be placed was worded to include amateur radio transmitting apparatus.

Even though hams are regulated by Part 97 of FCC rules, local and state laws can impose undue restrictions on amateurs.

Earlier this summer proposed guidelines for siting towers were submitted to the Cleveland City Council after several residents complained that a proposed tower could adversly affect their neighborhood.

The proposed ordinance prohibited towers in any zoning classification excluding commercial areas. The key here was the definition of tower, " any structure . . . to support one or more transmitting or receiving devices for telephone, radio or any similar wireless communication facilities." As you can see, this would include not only amateur radio but a wide range of other communication services.

We were fortunate here to have a Planning Director and City Manager who realized the problem when it was explained to them, and both were willing to help us work toward a solution.

First, they recommended the Council impose a 60 day morotorium on permitting new sites. This was to give us more time to work together.

Then they appointed a special committee of Planning Commission members tofind the solution .

Our Planning Director felt the definition should remain as is, but he agreed to include amateur radio among exemptions.

He needed guidance, as his first draft included "any citizens band antenna operated by a licensed amateur radio operator.

After further input, we are happy to report the final ordinance which was later adopted was pretty much as we recommended. Not only are we exempted, but so is citizens band radio, t-v antennas, and satellite t-v receiving dishes.

What can we learn from this experience? Our city officials could have said no and adopted the ordinance as first written. That would have meant no towers could be erected in residential zones in Cleveland without being a violation of zoning laws. We are lucky to have officials who were willing to ask for our expertise and then listen to our suggestions.

One other point of contention was tower height. In the ordinance, a limit of 75 feet is allowed, any higher requires review by the Planning Commission.

And most important from their perspective, cellular towers are not allowed near residences.

Hams need to stay informed about local and state laws affecting our hobby. Don't be afraid to attend meetings, they can be both informative and helpful.

New Assistant Director Named for Mississippi

Mississippi SERA Director Steve Grantham announced recently the appointment of Mark Simmons, KD5EDV. Simmons will replace Keith Wells, N5ZNS who moved out of the area.

While appointing a new assistant, Grantham also shifted coordinating responsibility among the other assistants and Vice-Director to better encompass the area from which they live. He said Simmons will assume coordination responsibilities for the Northwest portion of the state, and Vice-Director Joe Wood, AJ0X will assume responsibilities for the Southwest portion of the state. Director Grantham will continue coordination of the Southeast and Asst. Director Bill Cooper, WB5YCR will continue to coordinate the Northeast.

Simmons will be an assistant coordinator, responsible these nineteen Northwest Mississippi counties: Bolivar, Carroll, Coahoma, Desoto, Grenada, Holmes, Humphries, Lafayette, Leflore, Marshall, Montgomery, Panola, Quitman, Sunflower, Tallahatchie, Tate, Tunica, Washington, & Yalobusha.

In addition, Simmons has volunteered his services as MS correspondent for the Journal. His responsibility as correspondent is to cover the areas of interest of ALL MS Hams.

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What is Happening -
In South Carolina

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Things here in the Low Country are going fine. We have had several near misses with the Hurricanes but no direct hits. The C.A.R.S. Hams from Charleston, SC went o Shelby Hamfest with their campers and tents, and some stayed at the local motels. A good time was had by all that made the trip. One new twist to Shelby this year was the rental of the golf carts. It made getting around for the handicapped and older people a lot easier. In all of the years that I have been going to the Fest, I got to see more this year than ever before due to the cart. There were about 10 of us in our group and the cart made it a lot easier to find something that anyone was looking for and, to get it back to the campsite, was not a backbreaking chore.

* * * * *

Speaking of Hamfests, don't forget the 26th Annual "Charleston Hamfest" at Stall High School, just off Ashley Phosphate Rd in N. Charleston, SC. For information on the Fest and Fleamarket area contact Jenny Myers WA4NGV at 843-747-2324. Also look elsewhere in this Journal for their ad.

* * * * *

The 145.250 repeater was down due to a lightning strike but is back on the air. Archie KD4TXX tells me that Packet is doing fine in the area and the TARC Repeaters are all operating FB. When in the Charleston, SC, area just give your callsign, on one of the local repeaters, someone will welcome you to the friendliest repeaters in the South.

* * * * *

A Weather spotter training class was held in the Backyard Schoolhouse. There was standing room only, as about 20 people showed up. Jerry Harrison, from, NOAA Weather, in Charleston did a great job of explaining the things to watch out for in case Hurricane or Tornadoes. He also explained how the storms are formed. Weather spotter numbers were mailed out to the people that attended the class.

A class for CW Morse code, that out of date mode that everyone is trying to learn, will be held starting in November at the backyard school house. For info and class schedule contact Ed Frank KE2D @ 843-871-4368.

Upstate News

Tommy Ellison KE4DGH, from Easly, SC, let me know that they read the SERA Journal in the upstate too. Their club is only about 2 years old but has about 50 members and is growing. I received some pictures but they were digital and could not be put in this issue. The Foothills Amateur Radio Club, has a repeater on Six Mile Mountain, near Pickens, SC. They have a net every night of the week on their 146.700 MHz repeater @ 8:00 PM.

* * * * *

APRS interest in the area has grown to about 20 or so hams. It is being used for Sky Warn activities we would like to help get it around the rest of the state. Contct Tommy Ellison > tome.bellsouth.net < or Rick Davis N4VDE > HYPERLINK mail to: rick-davis@worldnet.att.net < for information or help with setting up APRS.

* * * * *

Union County Amateur Radio Club, will miss Marshal KD4YFC, the club secretary since the club was formed in 1993. He resigned for health reasons. Marshal has been instrumental in starting a lot of the programs in the Union area.

* * * * *

As Seen and Heard," from the News Letter" George and Ron go by I-26 on the way to Asheville Hamfest. (they turn around)! Jim leaves for Asheville Hamfest, without his wallet. (We go back)! Pete goes to Dr. Ron for equipment repair and leaves the equipment at home! Marshall, has a NEW Triband beam, ICOM 6M all mode and amp. Has he been slipshucking and not talking about it? ! Murphy is there too!

Myrtle Beach, SC

Jack wood KI4CB, has let me know that the links are working FB in the MB area and are planned to link into the NC link system in the future. The Myrtlebeach Hamfest at Myrtle Beach High school on Sat November 7 is happening probably as you get this Journal. Doors were to open at 08:00. VE Testing starting at 10:00AM. See you all there!

That is all for now folks, Ed KE2D > HYPERLINK mailto:KE2D@SERA.ORG KE2D@SERA.ORG

ED FRANK Covers

South Carolina News in every issue of the Repeater Journal. If you want coverage of your SC club, repeater, event, send him your newsletters - send him your news and information. He's your avenue to the Journal!

(See his address at beginning of this column)

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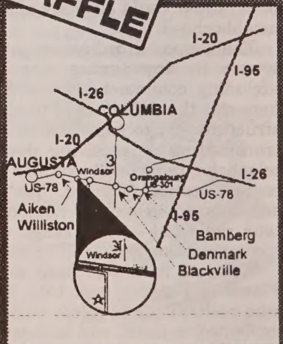

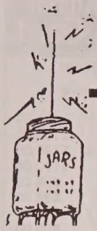

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FCC Amateur Rule Change Proposals far reaching

-From FCC, ARRL, L:etter

In their announcement last August, the FCC offered many changes and proposals to the Amateur Radio Service. Some of the proposals are being welcomed, others are meeting with some opposition.

Among the items, the Commission is proposing the phasing out of the Novice and Technician Plus class licenses, leaving just four Amateur class in place, Technician, General, Advanced and Extra.

A controversial item, the commission is also asking the amateur community for their opinions on Morse code requirements for licensing and testing. The FCC offered no specific changes, but left it open for discussion.

The NPRM, WT Docket 98-143 was made public on August 10th, very shortly after the ARRL made their own Amateur rules change proposal. (See Page 18, August Repeater Journal). The Commission has a December 1 comment and January 15 reply comment deadlines for the NPRM.

Under the plan, Novice and Tech Plus licensees would retain current operating privileges, but no new Novice or Tech Plus licenses would be granted.

The proposal would eliminate the 5 WPM code test, Element 1A, as a required element for any class of license, while retaining references to it elsewhere in the rules. This has left many wondering what the FCC means. It seems they have opened the door to comments on all aspects of Morse code testing from the Amateurs. Do they want a 3-tier, as currently required, reduce to a two-tier, with what speeds and what type test in Morse code should be required.

The proposal also invites comments on what to do with the Novice HF bands.

In addition the FCC would like comments on how to deal with potential abuses of the current disability waiver for higher-speed Morse code tests.

Among other things covered by the docket, they suggest phasing out RACES, clarified the definition of "power" as used in the RF exposure table. The Commisison has also released some erratas to correct some of the information in the NPRM.

More infois avilable at the FCC Web site: www.fcc.gov/e-file/ecfs.html.

The ARRL Web site also contains much information on this proposal.

www.arrl.org

VECs Ask for Fewer Amateur License Classes - Maximum 5 WPM Code

-From W5YI Report

The National Conference of VECS agree with the FCCs assessment that the role of morse code is decreasing. The VECs by vote filed comments for a license structure containing 3 license classes, corresponding to the Technician General and Extra class licenses. They also proposed essentially the same privileges the current three classes of license have. They suggest that existing Extra and Advanced class licensees maintain same privileges.

As far as Morse Code the VECs suggest a 5 WPM test for the General-type class, then no further code requirements.

FCC Promises Better Enforcement Procedures

-Tnx ARRL Letter

In October the FCC announced that all Amateur Radio related enforcement, investigation, evaluation, and processing has been transferred to the Compliance and Information Bureau. The change was effective on Sept. 1.

The FCC said the main objective for the change was to "facilitate the Commission's pursuit of compliance." especially in the area of resolving interference complaints, a hot-button issue within the amateur community.

Riley Hollingsworth, K4ZDH, CIBs legal enforcement advisor will be the FCCs point man in handling complaints.

The Wireless Bureau of the FCC will continue to handle Amateur Radio licensing, including new applications and renewals, as well as all Amateur Radio policy and rulemaking matters.

Under the new arrangement, all amateur enforcement questions and complaints should be directed to the Compliance and Information Bureau, Compliance Division, Attention: Amateur Complaints, 1919 M Street, Mail Stop 1500E1, Washington, DC 20554. An "Amateur Enforcement Line" at (202) 418-1184 has been instituted. The automated system prompts callers to leave a name, a number, and a brief message. The CIB will return the call within the next business day.

Lots of Hams not Renewing

-Tnx W5YI

Nearly 20,000 Amateurs did not renew their licenses in the eight month period between Jan. 1 and Sept. 1, 1998. That means that so far this year, 38% of all amateurs eligibile to renew their tickets either do not do so, or are deceased.

SERA State Growth Rates

-From W5YI Report

Here are the ham operator totals for the past three years in each SERA State, 1996, 1997 and 1998.

STE	1996	1997	1998
GA	14663	15057	15154
KY	8903	9145	9214
MS	4795	4925	4900
NC	17830	18449	18720
SC	6624	6826	6948
TN	14114	14391	14443
VA	17133	17400	17488
WV	6230	6463	6572
TTLS	90292	92656	93439

SERA Repeater Journal Advertising Rate Card

*NO. 27 - Effective 1 January 1998**

ADVERTISING SIZES & RATES

Full Color Covers Bleed 8-1/2x11"	$425.00
Full-Page 7-1/4x10"	$160.00
Full-Page Bleed 8-1/2x11" (+1/8 bleed)	$185.00
2/3-Page (V) 4-3/4x10"	$120.00
1/2-Page (H) 7-1/4x4-7/8"	$88.00
1/2-Page (V) 4-3/4x7-1/2"	$88.00
1/2-Page (V) 3-1/2x10"	$88.00
1/3-Page (V) 2-1/4x10"	$65.00
1/3-Page (H) 4-3/4x5"	$65.00
1/4-Page (V) 3-1/2x4-7/8"	$52.00
1/4-Page (H) 4-3/4x3-3/4"	$52.00
1/4-Page (H) 7-1/4x2-1/2"	$52.00
1/6-Page (V) 2-1/4x4-7/8"	$36.00
1/6-Page (H) 4-3/4x2-1/2"	$36.00
1/6-Page (H) 3-1/2x3"	$36.00
1/12-Page (V) 2-1/4x2-1/2"	$20.00
Reptr. Page Panel 1x10" (4 Issue Contr)	$50.00
Club/Repr Cards (4 Issue Contr)	$30.00
Classified (30 Words Max.)	$5.00
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color usually bright Red with/black

INVOICING AD INSERTION ORDERS

DEALERS: With a volunteer staff we do not send out and receive advertising contracts and notices. Quarterly dealer invoices, after insertion, will request information pertaining to future insertions. If no instructions on the paid returned invoice copy are received, the ad will be repeated and invoiced the upcoming quarter.

HAMFEST: Advertising must be ordered each edition for insertion. Payment must accompany insertion order/advertising copy for Hamfest ads.

ADVERTISING PAYMENT POLICY

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold publication of any additional ads until account is paid in full. All Hamfest advertising and Business Card Advertising to be paid in advance .

SPECIFICATIONS & GENERAL

Advertising sizes listed above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for exact size, camera-ready positive photoprint, pasteup or Laser print ad copy.

Full color ads for covers require negatives, right-reading emulsion down, sized for full 8-1/2x11 bleed. 150-Line screens preferred. Color Match Proof, Color Key or Pre-printed tearsheet should accompany negatives.

Design, typesetting, layout or pasteup is available at no charge for advertising to be run in the Repeater Journal. When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone or email corrections. No proofs are available for ads with typesetting submitted after deadline, due to staff and time limitations.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

ADVERTISING DEADLINES

All advertising copy and insertion orders should be sent to the Journal Advertising Department:

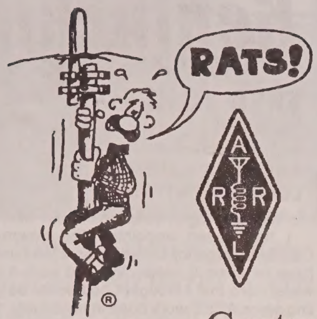
REPEATER JOURNAL ADVERTISING
600 LAKEDALE ROAD
COLFAX, NC 27235
Phone or Fax (336) 993-5527 (10-10 M-F)
email: k4mob@sera.org

Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline.

The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Repeater Journal Advertising Department.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 1,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.



FROSTFEST '99

Presented by the Richmond Amateur Telecommunications Society

AMATEUR RADIO & COMPUTER SHOW

Central Virginia's Largest Electronic Flea Market!

SUNDAY, JANUARY 17, 1999

The Showplace, 3000 Mechanicsville Turnpike, Richmond, Virginia - Show Hours 8 30am - 330pm

65,000 SQ. FOOT INDOOR FLEA MARKET! NATIONAL AND LOCAL VENDORS with over 400 tables and more than 3200 eager buyers; some of this year's best deals will be made. See all the latest radio and computer gear. National and local experts can answer your technical questions. Demonstrations of new products from ICOM, YAESU, KENWOOD, ALINCO, STANDARD and more! Meet your friends, enjoy the show, and get that hard to find item, plus BIG SAVINGS!

BUY, SELL OR TRADE. HURRY FOR THE BEST BARGAINS!

TALK-IN Sunday, 6 a.m. - Noon. 146.88 Repeater

FREE PRIZES
Register to win radio transceivers, radio antennas, accessories, and computer accessories. Hourly drawings! Major prizes drawn at 3:00 p.m.

Vendors set-up from 1:00 p.m. until 8:00 p.m. on Saturday, January 16th, and from 6 a.m.'till 8 a.m. on the day of the show. Drive-in for unloading will be available Saturday ONLY! No drive-in on Sunday!

FREE FORUMS
Learn about the latest trends in amateur radio and computers, M.A.R.S., and Y2K concerns!

FREE PARKING

ADDITIONAL INFORMATION: Frostfest Info Line, (804) 739-2269 box FEST(3378) or
Find us on the Internet at http://frostfest.rats.net

Reservation Hotline (804)330-3165

RESERVE NOW! CUT-OFF FOR ADVANCE TICKETS AND RESERVATIONS IS JANUARY 2, 1999! S.J

NAME ______________ TELEPHONE __________(day) __________(night)

BUSINESS NAME or AMATEUR CALL SIGN ______________

ADDRESS: ______________

CITY __________ STATE ______ ZIP ______-_____ EMAIL ______________

_____ COMMERCIAL TABLE or BOOTH SPACES (approx. 8' x 10' each) @35.00 .... $__________
(Price includes admission, 1 table, and electrical power) – (NOTE: CORNER SPACES COUNT AS TWO - $70)

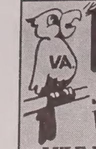
_____ EXTRA (rear)COMMERCIAL TABLES (6 or 8') @ $5.00 EACH .... $__________
(Limit one extra table per booth space)

_____ GENERAL (NON-COMMERCIAL) FLEA MARKET TABLES (8') @ $15.00 EACH (MAX OF 10) .... $__________
(Non-commercial vendors must also purchase General Admission Tickets)

_____ ELECTRICAL POWER FOR FLEA MARKET AREA @ $5.00 .... $__________
(Payment of one power fee covers all flea market tables for an exhibitor and includes access to one 120V outlet)

_____ ADMISSION TICKETS @ $6.00 EACH .... $__________

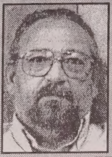
Make Checks payable to RICHMOND FROSTFEST (Postdated checks NOT accepted!)..................TOTAL:$__________
Please enclose a #10 Self-addressed stamped envelope if only ordering admission tickets
MAIL THIS FORM, WITH YOUR CHECK AND SASE TO: Richmond Frostfest, P.O. Box 14328, Richmond, VA 23221-0828
PLEASE DO NOT MAIL ANY CORRESPONDANCE AFTER JAN 2, 1999!



Virginia

News from the Western Side!

LYLE PALMER, KI4BH
ki4bh@rev.net (540) 772-3039
6104 MT. CHESTNUT RD. SW
ROANOKE, VA 24018-7602



We have survived another Summer, Cycle 23 has teased us with hints of the propagation yet to come. As the days grow shorter and the nights colder I fantasize about 160 meters. A fun band every winter, but anticipation of 160 at the peak of a Sun Spot Cycle.

* * * * *

On 25 July the third in a series of Virginia Section ARES/RACES Training Sessions was held in Roanoke. Frank K4EC SEC, Tony KR4UQ ASEC, and Lynn AF4CD SM put together a full days program for the 100 plus Amateurs interested enough in Public Service to attend.

* * * * *

In related ARES news, WES KB4PW has resigned the position of DEC in District 13. Bob KK4IY, has accepted the DEC position. Gordon K1GG, who was EC for Roanoke, has been named ASEC to oversee Area B. Clay W7CP, was been named to fill the EC slot in Roanoke.

Good luck to all of these appointees!!

* * * * *

In other ARES news the Counties of Bath and Allegheny have been added to District 13 in Virginia. District 13 ARES operated a Special Event Station on 12 September from Longwood Park at Old Salem Days. Bob KK4IY, Clay W7CP, Gordon K1GG, Rob KF4YUV , Sherie KG4AFC and Lyle KI4BH were all on hand to promote Amateur Radio and Emergency Service.

Thanks to everyone who stopped by to visit or investigate Amateur Radio.

Pete KM4ZS has assumed the EC duties for Henry and Patrick Counties. The EC positions in Botetourt and Wythe Counties are still unfilled. If you are up to a rewarding challenge or know of someone who is, contact Bob KK4IY.

.Bonnie the Hurricane paid a visit to North Carolina and Virginia, affording ARES an opportunity demonstrate our capabilities. Georges, last month, battered the Southeast. The extent of the destruction is still being determined. As more active systems in the Atlantic churn up this hurricane season, it would appear, the American Red Cross, FEMA, ARES and RACES will get a workout this fall The ARES leadership in Virginia is endeavoring to tighten up the program, to that end everyone is encouraged to re-register with ARES. If you have not done so since the end of July, please do so! This can be accomplished through your local EC or on the web at <aresva.org>.

* * * * *

A new Traffic Net has been started in Virginia. The Southwest Virginia Traffic Net meets nightly on 146.745- PL107.2 at 23:00. The purpose of this net is to pass traffic and provide a training ground in traffic handling to those who are unfamiliar with the NTS format.

* * * * *

Please give appropriate attention to the OLD DOMINION EMERGENCY NET. This Net currently meets the 1st. and 3rd Monday nights of each month at 6:30 PM and the last Wednesday night at 8:45 PM on 3.947 MHZ. Your participation is needed!

* * * * *

The latest prognostication is for cooler weather. As Area B undertook a SET on 3 October, this was a welcome relief from the heat. Now if someone will please send more RAIN!

* * * * *

Ben N4BG has folded his tents in Virginia and gone on the road to take up residence in Florida. Ben's presence will be missed locally. We search for someone to fill his spot on the Roanoke VE team.

* * * * *

As we approach the end of 1998, I hope each of you accomplished everything you set out to do this year. Share Amateur Radio with someone every day!

73 de Lyle / KI4BH

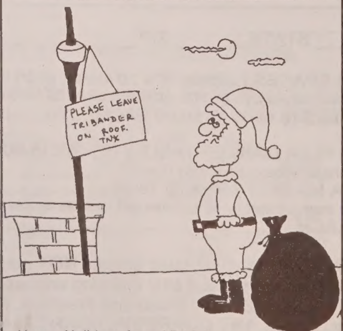
Repeater Journal Hamfest Advertisers In This Issue

The following hamfests are utilizing the SERA Repeater Journal as their advertising vehicle to promote their show. Let them know you appreciate their support & wisdom.

CLUB/HAMFEST	SHOW DATE	AD LOCATION
Benson Jars (NC)	Nov. 15	Pg.45
Charleston (SC)	Feb. 6-'99	Pg.8
Charlotte MARS (NC)	Mar 7-8-'99	Pg.12
Claxton (GA)	Dec. 5	Pg.11
Elkin (NC)	Feb. 21-'99	Pg.54
Fayetteville (WV)	Feb. 28-'99	Pg.42
Greensboro (NC)	Dec. 5	Pg.14
Greenwood (SC)	Jan. 9-'99	Pg.57
Kinston (NC)	Mar. 21-'99	Pg.53
Knoxville-Kerbella (TN)	Mar. 6-'99	Pg.56
Morganton HF	Apr. 10-'99	Pg.58
Myrtle Beach (SC)	Nov. 6-'99	Pg.39
Raleigh (NC)	Apr. 11-'99	Pg.18
Richmond (VA)	Jan. 17-'99	Pg.47
Shelby (NC)	Sep. 4-5-'99	Pg.59
Windsor-Salkahatchee (SC)	May 1-'99	Pg.44
Winston-Salem (NC)	Jan. 23-'99	Pg.4-5

Attend and Support as many of your area shows that You Possibly Can. Tell them you saw their ads in the Repeater Journal! Over 61 Show ads from the SouthEast have utilized the Journal in 1998.

JOURNAL FUNNY STUFF BY AD4QQ

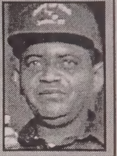


Happy Holidays from AD4QQ

Kentucky

Happenings

FRED JONES
WA4SWF
wa4swf@sera.org
511 LACKEY AVENUE
LOUISA, KY 41230



I have been appointed the Lawrence County Emergency Coordinator, a job I use to have for some 8 years. We had such a bad winter here that I thought I had better be getting some ARES work done in my county. We are working on emergency planning at this time now and hope to really make a difference. I will have assistant EC's helping me since this county is so large; Otis Dillon , KB8JEB, Fred Wilson, KB8LJP, Karl McKinster, KF4UET, and talking to one more.

We had a Simulated Emergency Test coming up in early Oct. and we really give the SERA Repeaters a work out. The groups from the various repeaters in the area get along and work together so well that it is just great. They get things done so quick it is hard to believe. We have two amateurs at the 911 center and have 4 more of them working on their license. We have some 5-6 working at the weather bureau so all of this makes it pretty good for us to get our reports where they are needed.

* * * * *

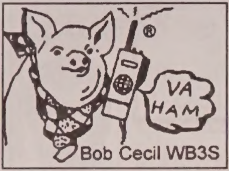
The 147.390 mhz. Repeater is still off the air. We have had to make lots of repairs to it including working on the antenna and hardline. Hopefully, we have things just about the way we want them and may have it back on the air very soon. I have applied for a UHF repeater frequency and hope that we can get that all approved and working before the winter weather sets in on us here. Packet radio system seems to just keep working and it is going just fine and has been a really big help to this area.

* * * * *

The Frankfort and Louisville hamfest have gone over really well, seems like they keep packing them in every year. Our Kentucky SERA Director Jerry Shouse has been busy setting up and the hamfests and handing out literature, and signing up members to the SERA. He has worked really hard on his job, one that a person gets very little credit for. As for me, I am glad that he is with us and is working so hard to research all the Kentucky repeaters and have them all documented properly. He has also been handling tons of coordination stuff, getting caught up on that aspect of the job too. I am hoping when he gets caught up, he can write us a story about what is involved, and maybe start giving me information about new repeaters he has worked with, so I can pass the information on to you.

* * * * *

The Big Sandy Amateur Radio Club had a very nice picnic with a good turn out of members and their families. Apparently everyone enjoyed it and had fun. Our club handled the SeptemberFest Parade here with some 5,000 attending. We do some crowd control and keep the parade moving at a good speed. We have come a long way and with our club and its activities. I will have more about it in the next article. Our club will be having our SwapFest like last year. It went over so well that the first Saturday in May 1999 we plan another one.



Authorized Dealer

ADI PREMIER Communications

VHRS Stocks Both High-Power & Low-Power HT's

AT-201HP - 2-Meter HT, 5 Watts
PR-222HP - 222 MHz HT, 5 Watts
AT-400HP - 70-CM HT, 5 Watts
AT-600HP 2/70, 5 Watt Dual Band HT ★ *$30 Rebate* ★
NEW! Program The AT-600 From Your PC
New! - PR-52 6-Meter H/T 5-Watts
AR-146 - 2-Meter Mobile, 50 Watts ★ *$20 Rebate* ★
AR-446 - 70CM Mobile, 50 Watts ★ *$20 Rebate* ★
New! - 2M/70CM Dual-Band Mobile ★ *Coming Soon* ★

VHRS Stocks All of the ADI Accessories

Call For Your Price On ADI Radios

"New" Yaesu VX-1R

Widest Frequency Coverage HT

COVERS: AM-BC,FM-BC, AVIATION, VHF-HAM, UHF-HAM, VHF-TV SOUND, UHF-TV, ACT-1, ACT-2, and Much More!

ALINCO

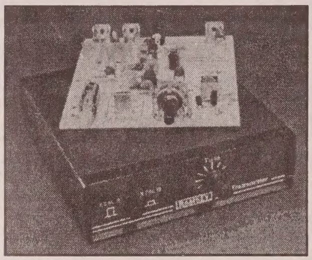
Authorized Dealer

"New" - DR-S46 Family Radio Service HT
"No License Required! Buy 2 for Family Outings"
DJ-S11T, Pocket Size 2-Meter HT
"New" - DJ-280TH 222 MHz. HT, 4 Watts
DJ-C1T, Credit Card Size HT, 2-M
DJ-C4T, Credit Card 440 MHz HT
"New" DJ-C5T, Credit Card 2/70 DB HT ★ *$20 Rebate* ★
DJ-190T - 2-M HT Large Display, No Pad, 2 Watts
DJ-191TH 2-Meter HT, 5 Watts ★ *$30.00 Rebate* ★
DJ-G5T(H) 2/70 Dual-Band HT, 5-W ★ *$20 Rebate* ★
DR-140T 2-Meter Mobile, 50 Watts ★ *$35 Rebate* ★
DR-150T 2-Meter Mobile, 50 Watts ★ *$20 Rebate* ★
DR-605T 2/70 Dual-Band Mobile, 50 W ★ *$40 Rebate* ★
DR-610T 2/70 Deluxe D.B. Mob. 50 W ★ *$50 Rebate* ★
DX-70TH HF Trans. + 6M, 100 Watts ★ *$60 Rebate* ★
DX-77T HF Trans. 160-10, 100 Watts ★ *$150 Rebate* ★
EDX-2 - Automatic Ext. Ant. Tuner, 160M ~ 10M
DM-340MVT - 13.8 VDC Variable P.S. @35 A!CS

Call for Great Prices on Alinco Products!

VA Ham Radio Supply

Stocks Over 1700 Different Line Items for the Ham Radio Operator. We stock many accessories which will make your Ham Shack a place of real comfort and pleasure in which to relax and operate. In addition to ADI and ALINCO, We stock ICOM, KENWOOD, and YAESU RADIOS, and ACCESSORIES. So, get out that "WISH LIST" (I have one, too) and order now!

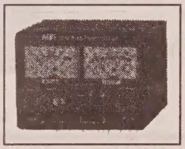


QRP Transmitters

Work the World on a Watt!!

RADIO AMATEUR
CALLBOOK
RADIO AMATEUR CALLBOOK
CD-ROM
1997

The ARRL's
Tech Q&A
Your Quick & Easy Path to a Technician Ham License



MFJ-4225MV $149^95^

COMET - Deluxe trunk mount "GR-5M" and "SB" style antenna. Stainless steel hardware, mounts with NO HOLES to drill. Easy to install and it looks great!

MONDAY - SATURDAY 9:00 A.M. TO 5:00 P.M. (Closed Sunday)

VHRS will be closed on Holidays and Hamfest Week-Ends. If you are driving a great distance, please call first. All warranties are with the manufacture, only. We do not sell on a trial basis. All sales are final. This is essential in order that all of our customers receive, new, unopened merchandise.

VHRS accepts: Cash, Personal Checks, Cashier's Checks, Money Orders, & COD. VHRS makes sales by: Direct Store - Sales/Hamfests, Telephone Orders, Mail Orders, and National/International Sales Via The Internet.

VA Ham Radio Supply, Inc.

2208 CHILDRESS ROAD
CHRISTIANSBURG, VA 24073
TECHNICAL: (540) 382-3690
ORDERS ONLY: (800) 298-6153
FAX: (540) 382-9049
E-MAIL: Virginia.Ham.Radio.Supply.WB3S@worldnet.att.net

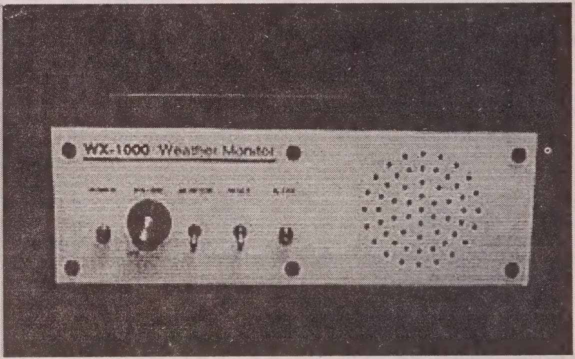
WX-1000 Weather Receiver

Attention Repeater Owners!

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. The WX-1000 is an affordable priced, high quality weather receiver, easily installed in your repeater system. With so many unsettling weather conditions, don't you think it's time to provide timely weather alerts for your repeater group?

Features Include:

- ✓ ***High Sensitivity***
- ✓ ***Good Front-end Protection***
- ✓ ***1050 Hz Tone Detector***
- ✓ ***Programmable Alert Timer***
- ✓ ***Relay Switch***
- ✓ ***Monitor Speaker***
- ✓ ***Alert Logic Output***
- ✓ ***WX Enable Input***
- ✓ ***Flashing Alert LED Indicator***
- ✓ ***Power LED Indicator***
- ✓ ***Front Panel Monitor Switch***
- ✓ ***Alert Reset Switch***



WX-1000 Weather Receiver $299.00.

For a brochure describing the WX-1000 Weather Receiver, including specifications and repeater interface information, visit us at www.catauto.com or call (954) 978-6171.

Computer Automation Technology Inc.
4631 N.W. 31st Avenue, Suite 142
Fort Lauderdale, Florida 33309
Phone: (954) 978-6171 - Fax: (561) 488-2894
Internet: http://www.catauto.com

From the West - Tennessee News

BOB GAULT, KD4NEC.
221 Cedarwood Trail
Cleveland, TN 37312
bgault@wingnet.net

Greetings from your West Tennessee correspondent. I've received some help from several folks in that area of the state and let me first express my appreciation.

Rickey L. Brown, KE4CES, and the Hub City Amateur Radio Association have sent several items. They are a relatively new group in Jackson with a repeater on 442.900 Mhz. The system was designed by Jeff Sipes, KD4GCT.

Rickey gets an A-plus on getting word out about the Hub City group. He has been kind enough to send me clippings from the local newspaper detailing their activities and special projects. One article, published in July, tells about their repeater and how it will be used during severe weather. I've heard more and more people are tuning in amateur radio repeaters for weather information, and Rickey in his article provides them with a list of two-meter and 440 machines. He details Skywarn and how hams serve as severe weather spotters. In his article, Brown explains " The Hub City Amateur Radio Association is different...a group mainly for fun, fellowship and U-H-F radio activity."

Thanks for the contributions, Rickey.

* * * * *

Back in East Tennessee, Bob Jordan, KN4VY, ARES Emergency Coordinator for Rhea County, has namemd Tom Mize, KO4SY, chief training officer.

* * * * *

I understand the OARS 444.300 Mhz. repeater, located in northeast Hamilton County, will be moving soon to 444.700. Tone access of 107.2 is needed.

* * * * *

The Middle Tennessee Amateur Radio Society conducts its regular meetings at the First Presbyterian Church in Tullahoma. Dues are only $10 a year. They sponsor two open repeaters, 146.82 Mhz. and 146.70, both minus inputs and both with phone patches. A new 440 machine on 443.95 is now on the air from Keith Springs. In the mid-state, check it out and let Neil, K4AYD or Bill, K4EGC, know how it sounds. This summer, MTARS conducted communications for a Triathlon at the AEDC facility.

* * * * *

MTARS reports in their newsletter the Tennessee CW net - a training net for new and old alike - is held Monday through Friday at 7:30 CDT on 3682 khz.

* * * * *

Matthew Sadler, KF4LHP, sent me an e-mail from Chattanooga about a new listserve. It's called ChattRadio, and was started to give local ham operators, listeners, and others with an interest in radio a forum to exchange information rapidly. The list is hosted by OneList and is totally free. To subscribe, the address is: http://www.qsl.met/kf4lhp/chattradio/chattradio.html.

* * * * *

McMinn County's ARC has a new web page. The address is: http://www.cococo.net/~kennyw/arrowhead/storm.htm.

Terry Bartholomew reports from West Tennessee the W4YXA repeater on 146.91 Mhz. is alive and well. Terry reports a good YL net is held on Monday's at 8 p.m., followed by a traders net at nine. An information net is held Tuesday's at 8 p.m. and a QCWA net is on Thursday at 8 p.m. He says a new information net is heard on the 145.41 Mhz. machine on Knobs Hill in Grundy County at 7 p.m. Central time Tuesday's. A new club has been formed in southern middle Tennessee with members from Coffee, Franklin, Grundy, Marion, Sequatchie, Van Buren and Warren Counties.

* * * * *

The Maury Amateur Radio Club has a web site for viewing. Their address is http://www.qsl.net/w4ggm. Thanks to Gail, KE4YBS, for the info.

* * * * *

TN Hams Discuss Emergency Procedures

A first ever meeting of hams involved in emergency communications was held on Saturday, September 25th to discuss plans for disaster prepardness in southeast Tennessee. The meeting evolved from a desire by hams in several counties to sit down together, face-to-face, to begin a dialogue aimed at improving communications during a weather event.

Participants represented ARES, RACES, and Red Cross from the counties of Hamilton, Bradley, McMinn, Meigs, and Rhea.

A primary concern addressed during the meeting in Athens, Tennessee was cooperation - working together to ensure information on severe weather is relayed with accuracy and speed to the National Weather Service office in Morristown Tennessee.

It was agreed to continue relaying reports via the 147.180 Mhz. repeater located atop Chilhowee Mountain in Polk County, Tennessee. The repeater covers a wide area, and is accessible from the N-W-S office.

Rocky Beckner, WB8SBO, the amateur radio voice of the Morristown office, now uses the Polk County machine to receive reports from the lower portions of Southeast Tennessee, which includes Chattanooga and Cleveland. Another meeting is being planned in January.

* * * * *

In conclusion, I want to wish the best to Wayne Houser, who served as your other Tennessee correspondent. Wayne and I had a chance to chat during the SERA meetings and our wives found they had something in common - both are teachers. I'll miss corresponding with him via e-mail before each issue of the Journal.

Thanks to all who contributed to this issue's column.

Appalachian Wireless Society

-Submitted by Eddie Tussey, KB4UCE

All of us from SAWS would like to wish Barbara (KB8GGG), our WV Repeater Journal correspondent, a speedy recovery and thanks for all her help.

As many of you have read last year, the 145.330 was taken out by lightening. We would like to report that the repeater is up and running better than ever. Come by and check into the Nightly Talk Around Net each night at 9:00 P.M. or check us out on the World Wide Web at www.qsl.net/saws/index.html We would like to thank Eddie (KB4UCE) for all his hard work and those who contributed.

In August, BJ (N8NTY) took his VE team to Warfield, Ky., where they was welcomed by the Hams of Martin County. They had a very good test session and several new Hams were added to our family. BJ would like to thank Bobby (KA8QOB), Darrell (AA8HL), John (AE4HI), Brenda (KS4VK) and Lyle ((KB8TKK). Special thanks to Tim (KF4OSC) and Warfield Community Center, for giving us such a nice place to have the test.

In September, the SAWS and area Hams held a radio-thon. The Hams stayed up most of the night and biggest part of the next day and was able to raise nearly $400.00 dollars for Jerry's Kids to fight MD. This was a first for us and we hope to use the radio to help other causes. We would like to thank all net controllers and those checking in during the Net.

September also found some of our local Hams back on a couple of the FM Broadcast stations. We want to thank WVKM and WXCC for the air time to promote Amateur Radio.

Also in September, Frank (KF4SLL) and Gina (KF4ZMC) took Amateur Radio to the Runyons Elementary School in Pike County, Ky. They demonstrated 2-meter radio to the children and teachers. They also talked about ARES, RACES and Skywarn.

Delbarton, W.V. was the site of a very nice display of pictures and history of Amateur Radio in our area. Special thanks to Albert (N8IBK), Rick (N8TMR) and Donna (KC8GVS) for all their hard work.

September was also time for the 2nd Annual SAWS Picnic. Hams and their families from Southern West Virginia and Eastern Kentucky came together on Buffalo Mountain in Mingo County W.V. With about one hundred people in attendance. A lot of good fellowship and food made this event a success. Hope to see everyone next year.

The SAWS has held a couple of raffles where money was raised to buy a tent and camper/canteen to be used at our events. Like to thank Stan (KT8J), Albert (N8IBK), Jerry (N8GOE) and all the others who made this possible.

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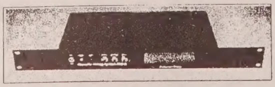

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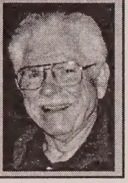

Marvin Whatley AA4YW
4010 Schooner Circle
Oriental, NC 28571
(919) 249-0047
aa4yw@sera.org

Surfing the NTS

Most Hams never have to explain to anyone why they get involved in NTS traffic. Every once in a while I find myself in that predicament. Usually the best I can come up with is "Well, its not as bad as golf." But I do find myself deeply involved in handling traffic on the National Traffic System's traffic nets, from the local 2 meter nets to the regional CW nets. You can read about the NTS in the "Public Service Communications Manual" or the "Amateur Radio Handbook" or the "Operating Manual", or in lots of other material published by ARRL.

What they will tell you is that this is a very important service provided to the people of the United States by the Amateur Radio Community to be invoked in time of emergency. Everyone who has properly learned his catechism can recite this by heart. It is my policy to never challenge religious dogma in public.

When you check into a traffic net, however, the halos are hardly in evidence, and you quickly discern that through the veneer of formality there are a bunch of people having fun. You must check in according to a prescribed order (those with call sign suffixes at the end of the alphabet are always discriminated against), you must behave yourself and speak only when spoken to. This, like most of the formality of the traffic net, is to allow things to move along smoothly.

Participants find that it is easy to pick up, and provides a welcome respite from the alternative chaos found when more than a couple of people try to use a frequency.

But the whole idea is to pass traffic. That is messages. That is "formal written" messages. Oh-oh! This is where it gets sticky. All of the above references will tell you about the "formal written" business which breaks down a message into four principle parts: the PREAMBLE, the ADDRESS, the TEXT, and the SIGNATURE. At this point all but the most resolute and brave of heart quickly assess the monumental difficulties in mastering this unmercifully complicated regimen and decide that perhaps golf isn't too bad after all.

Are you still here? Well, brace yourself, it gets worse. The text part isn't too bad, you just substitute X's for periods and the word "query" for the question mark and try to hold it down to about 25 words. It is the preamble that is by far the most difficult part to understand since it includes such esoteric items as a date, a number assigned to the message, the station of origin, and the number of words in the text. This last number is also known as the "check" and is so complicated that I am not going to say anything about it here. I would like to spend some time, however, in discussing the art of passing a message on the radio.

A message always passes trough at least two people and usually four or five or more before a ham local to the recipient can deliver it by telephone. Every time it is passed there is a possibility for an error. Occasionally the message (shame) is a little distorted on arrival, but the NTS performance is actually surprisingly good. This is because we have instituted conventions and procedures to help understanding. Of course, the most important rules are: speak distinctly and don't go too fast. Usually the message is given one word at a time (as distinct from reading speed) which is good because it gives a clear shot at each word, and bad because words are often better understood in context. And "distinctly" may mean different things to a displaced yankee and a southerner. I have worked with people whose accent was so deep that I asked them to spell very common words. (Then I felt foolish.) We spell things a lot, saying "I spell" usually after the word is said, then spelling it, then saying it again. Sometimes, when conditions are not good we use phonetic spelling, but at other times when the word is not unusual we don't.

Call signs are always given phonetically. For acronyms, like SERA or ARRL, we announce that it is a "letter group", and for numbers, like 1998, we announce that it is a "number group", or "figures". Then there are "mixed groups" like AL811.

Do you see any problems? This is where the art comes in. If guy receiving the message is copying everything you say as part of the message and you start putting in words to describe the words you are saying, you wind up with a lot more words. I once had a fellow tell me that my "check" was way off. When he read the message back to me he had included several words that I had used descriptively. I had to concede that he was right, although some thought he was just being nasty. I suppose, like all arts, it takes practice to do it well.

Sometimes instead of spelling, the word is clarified in other ways. Like "102 Birch street, birch like the tree . . .", or "John Smith, common spelling . . ." Care must be shown to not overdo this or the message gets loaded down and confused with editorial notes inserted by the reader.

There actually exists, some say, a codified list of approved prowords that alone are allowable for use to clarify the text. The two things that I discovered when I researched this are (1) there are several lists that do not agree with each other, and (2) no one actually pays much attention to them. My hero in establishing style for reading messages is Reed Whitten, the NC Section Manager. His is the common sense approach that says you should use the least amount of words (clarification) necessary to make the message clear. I'm with him.

He thinks it rather unnecessary, when encountering the substitute for the period, to read the text "letter group X-ray". He gets from thirty to forty Station Activity Reports every month from people who have handled traffic. The first word in the text of every one of them is "SAR". I can actually see him cringe over the radio when the text is delivered "letter group sierra alpha romeo." What he would like, of course, is the familiar word "essayar".

You have probably figured out by now that this is not a lesson in how to handle NTS traffic. The references I have cited do a very good job of this, and there are experts around that are so much better qualified than I. These are just some notes and observations. The final observation that I must make is that it is alright (that is alright, one word). The formality is not unforgiving, and new people are always welcome on the traffic nets. If you try to send a piece of traffic and you make a mistake, you will delight a small crowd who will jump to help you. You will survive. The rumor that your license will be revoked if you mess up a preamble is totally unfounded. If you are not discouraged by the first time or two, you will find that there are several on the net, some of them old timers, who make more mistakes than you do. And you will find that you are playing this traffic game, and it is fun.

We all like to do the very best we can, but the secret is to not take it too seriously. Just relax and let it happen. You will get better and better and one day you will be taking a message and the reader will say "going to Mr. and Mrs. Asphexalimt Barrizatchion, common spelling."

1999 Hamfest Cancelled

The Concord, NC Hamfest for 1999 will not be held next year. The sponsoring Cabarrus ARS spokesman Bill Hickok, WD8SAS told the Journal that the club had decided not to have a hamfest for the coming year. He had no idea of hamfest plans for the year 2000.

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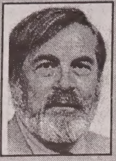
North Carolina
- News -



GENE FEGELY, K3EJG
k3ejg@sera.org
115 RANDOMWOOD LANE
NEW BERN, NC 28562

Bonnie was the major concern of most of the local North Carolina amateurs as we awaited her August visit. She sat around the Wilmington area for a few days, then passed directly over my location in New Bern, a tired and worn lady, inflicting no more damage than a bent Radio Shack antenna pole which now causes my hardly-used tribander to look over my fireplace chimney.

Wilmington vs Bonnie

The Azalea Coast ARC had their hands full, as a news release from Frank Ebbinghouser, N2EMR, described the efforts from 8 AM Tuesday until the cleanup began on Friday. 2500 evacuees clogged the three shelter locations, and thousands of exiting visitor clogged highways, adding additional strain on resources.

Even the National Weather Service lost power, and the shutdown of overwhelmed sewage plants caused difficulties. Lost power and phone services required hundreds of messages to be handled by amateur radio, as 115 mph winds blasted the area. As the eye stabilized for a few hours, flooding became a danger. A local hospital had part of the roof torn off, and patients had to be evacuated.

Frank gives special thanks to EC Bill Murrell, AD4DN; AEC Jeff Jolly, KE4LKB; Skywarn Coordinator Rich Tharrington, KD4JRK; and his assistant Glenn Cox, KE4BMY. Unnamed were the many others who participated for the good and safety of the public.

* * * * *

The Cape Fear ARS participated in the activation of the Cumberland County EOC, preparing to staff four shelters, and doing site surveys for operating conditions, according to Bob Doyle, KL7NL, club president. Their newsletter featured an article on using amateur satellites by Kelly Kanode, N4EWG. The group has a breakfast get-together every Saturday morning at a K&W Cafeteria, with meetings on the third Monday at Methodist College.

* * * * *

The Raleigh ARS Exciter contained a departing message from Wake Co. EC John Jaskolka, N4YRD, who reminded his club members of their responsibilities top also staff the state EOC as well as the county center.

Hats off went to Jerry Davis, KE4TTS, who spent many hour dialing phones to staff the many necessary positions. John has had a 'here today, gone tomorrow' situation with his job, and will be moving to Columbia, SC.

Jeff Wittich, AC4ZO; and Lynn Pitegoff, KO4QH; are to be congratulated on the success of the visually impaired class. With a starting group of 112 students, eight stuck it out to take the tests, with two tech and two novice CSCE's being awarded. Although the passing rate was low for RARS classes, much was learned to assist in future undertakings.

The group provided public service communications for a half-marathon (does that mean they only run half way to the finish line?) and a 5K run, as well as the MS-150 bike ride in September. The Raleigh club will also handle the communications for the State Fair, coordinated by Cliff Broughton, KF4RDP.

Community Projects

One area amateur radio should be noted for is participation in community projects. The High Point ARC set up a special events station at the Furnishing Festival with Mark Rogers, KE4CDZ; and Maxine operating HF, and Mike Walker, KE4MOY, running two meters. The group also set up a demonstration of old radios at the Yesteryear in Motion exhibit. Participating were Judy and Mike Walker, KE4MOY; Sam Hall, K4AME; Rogers Albertson, WA4BPL; Scott Carmichael, KE4ZFV; and Warren Newton, WA4FCP .

* * * * *

The Mecklenburg ARS also participated in the MS-150 Bike Tour in September, reports Shawn Goodin, K4RSG. They also worked the American Diabetes Association Walktober Fest. Bob Southworth, KI4YV, is working with a committee to upgrade the Discovery Place amateur station. Great reviews from teachers bring classes encouraged the addition of six meters and a re installation of the satellite antennas.

* * * * *

The Bright Leaf ARC in Greenville has added its newsletter to the Internet, enabling pictures and other interesting items to be available for all to see and read. Congratulations to Dave Langley, W4YDY, as a featured 'meet the membership' columnist. Check out the following: http://www.geocities.com/CapeCanaveral/4208/.

* * * * *

The Greensboro ARA proudly announced the new repeater on 145.15 is giving excellent coverage in the Triad area, with credit to Charles Layno, W4CL, for his efforts. New license classes will be coordinated by Bob

(Continued on Next Page)

One of the first shows of 1999 in the Area - An ARRL Sanctioned

ELKIN WINTER HAMFEST

SUNDAY FEB. 21, 1999

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WEB: A HREF="http://members.aol.com/kb4gki/kb4gki.html">KB4GKI

North Carolina News - Continues

Mays, KE4MOW, and will begin in October.

Community service was exemplified by a thank you from the Dog Daze Bike Ride committee. Kudos to John Matlock, KE4IAM; John Schultz, KE4WZO; Randy Bowers, KR4QH; Tom Hatley, KF4JZD; Bill Boyes, KB1G; Roger Holley, KF4CFE; and Bob Williams, KB4TWG.

* * * * *

The Forsyth ARC lauded many amateurs who participated in the Multiple Sclerosis Tour To Tanglewood event which had 900 bicyclists in the Greessboro event. Call signs included: KE4TES, KE4JHJ, WA3RTC, WB9SZL, KF4ILN, KF4CPX, KD4RGB, W2AJY, KE4ZFN, W4IRE, KF6PLQ, N4PAA, KQ4LO, KC4WSK, KF4KYD, KE4MOX, KE4MOY, and KF4OZF.

The club not only provided key links among organizers, rest stops and race officials, but also displayed much preparedness for actual emergency conditions. This increases the public awareness of the usefulness of amateur radio, reports Tom Gallagher, N4IOZ, club secretary.

World Cruise

Noticed that New Bern ARC member and SERA correspondent Marvin Whatley, AA4YW, and his XYL have departed on a world cruise, operating CW, according to Newsletter editor Bob Chamberlain, W2HVX. The group also commended Pete Koonze, KA4SXX, for his maintaining the repeater grounds. Billie Morton, KE4YMA, also was praised for his dedication as NECOS for the Tuesday night nets. Billie handles the ENC traffic and the Skywarn nets.

* * * * *

Pamlico Sounds, the newsletter from Washington . . . that's 'Little Washington' for the uninformed . . . reported my visit to their Field Day site, and also noted their increased preparations for emergency services.

William Cofield, KU4JD; Buddy Chandler, KF4CUI; Frankie Buck, KA4APA; and Al Waters, N4ARW; attended the Eastern Branch EM meeting in August.

Al reported all primary shelters have permanent antennas, and a HF station is being prepared for the control center. The club station has been set up at Frankie Buck's house. Look for him on the Coastal Carolina Emergency Net.

Mariam Smith Award

Borden Sabiston, K7KDF, was presented the KB4C Award by the Western Carolina ARS for 'outstanding contribution to public service and emergency communications in Western North Carolina. The award honors Miriam Smith who passed away in 1995. She served as Buncombe EC/RACES officer in the 70's and helped to develop the emergency response handbook.

Updated 1999 Hamfest Calendar printed this issue

A newly updated 1999 hamfest calendar is printed in this issue of the Repeater Journal. Over 200 listings are in the two page calendar, with over 40% confirmed for the 1999 year.

This very popular listing is used by dealers and flea marketeers across the Southeast in planning for their 1999 show schedule.

Show sponsors are urged to get their confirmed show dates to the Repeater Journal editor for future free listings in the Calendar.

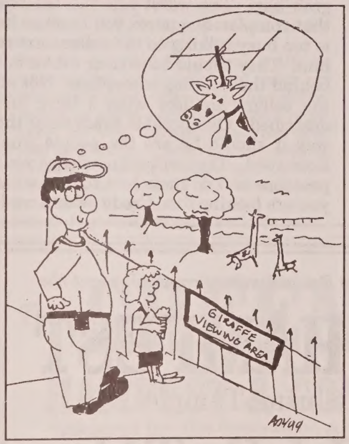
VE Exam Sked to be Published in February

All VE teams in SERA territory are reminded that we will publish our annual VE examination schedule in the February issue of the Repeater Journal.

If you have not updated your schedule for 1999 locations and exam dates to us, we need to hear from you. Old dates from last year will be discarded and not repeated. This is an effort to assure accuracy to persons wishing to take exams in knowing exactly when and where they are occuring.

Please send exam schedules and dates to the Repeater Journal editor. His address is on page 2 of this magazine, or you may email your schedule to: editor@sera.org

JOURNAL FUNNY STUFF BY AD4QQ



Barbara KB8GGG Recovering slowly

We heard from Barbara Marsh, KB8GGG, our West Virginia Journal Correspondent through her son Kevin recently.

Barbara is recovering froma very serious operation and presently is recouperating at her home.

On Oct. 14, her son Kevin said, "She hasn't been feeling well enough to organize what information she has and get it typed up."

This was in response to whether there would be a WV column this issue.

Kevin also said he would like to pass along her heartfeld thanks for all of the cards and calls from concerned hams - and wants them all to know that she misses her chat sessions with everyone.

If you would like to send Barbara Marsh a card, her address is 126 Up Left Fork Road, Shady Spring, WV 25918. She can be emailed at: kb8ggg@sera.org

The rest of the Journal staff wishes Barbara well, and hope she will be back up to speed very soon. (Editor)

1999 Repeater Datasheets

Repeater Owners are urged to mail in their completed 1999 Repeater Datasheets if they haven't done so.

These sheets assure SERA of having the latest correct information about a repeater which is used and needed in coordination. The datasheet is a form which shows all the information that the SERA database has for a particular repeater system. This information must be accurate, especially locations, expressed in Longitude and Latitude figured to the minute and second.

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Hamfests - The Follow up Story

Editor's note: Since our series last August concerning Hamfests and their problems, we have received dozens and dozens of comments, at hamfests, on the phone, via email and at club meetings. Over 99% of them were in agreement with what we had to say. Many agreed with us, but also had some ideas of their own. As a sampling, we decided to publish an email from a reader, with his permission:

"Why I do not go to hamfests anymore".

-by Gordon M. Achterhof, K4GMA
Cross, SC majora@infoave.net

I do not have anything against the admission fee that is charged as it is most usually a small amount. Most sponsors try for numbers rather than a high admission price. See as though I am not the first person thru the door, by the time I get there the ticket sellers should have been relieved 2 hours ago. Their attitude is not necessarily the finest due to the number of people that they have been forced to deal with. A changing of the guard would present a smiling face to the public that arrives later in the day.

Most hamfests are laid out in an orderly manner with sufficient room between the tables and booths to have two way traffic. The problem is when a group from one club meets another group that they haven't seen in thirty days and must hash over old times in the middle of the aisle so that nobody can move up or down the aisle and it is almost impossible for someone in a wheelchair to look at all the displays. Maybe there should be an empty auditorium for all the add hoc meetings to take place in.

Last year I went to four hamfests looking for parts for old radios and such. The sellers evidently do not want to part with the stuff that they display. On asking for specific parts the normal answer is "I don't know, maybe its in the bags over there and no do not open the bags". Two, five or ten dollars is not a bad price to pay for the correct parts but is way too much to pay for a grab bag. The worst seller is the one that completely ignores you because he is too busy talking to the seller next to him. They should have their tables out behind the building someplace. Not all the sellers are like what I have just described. One notable example of the way it should be are the people from Rosewood. They will acknowledge your presence and do their best to find what you are looking for. Credit where credit is due.

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Paul Baird, K3PB

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Last, but not least are the sellers that think that it is time to fold up and go home before the day is close to being done. I believe that they do the most disservice to both the sponsors and the public.

As you can see, I go to hamfests to get things that I cannot buy locally. If I cannot get what I came for then like as not I will not return for the next one. Without parts, my old radios will be placed out to pasture and I will look to other pursuits. *-G. Achterhof, K4GMA*

And another letter from Charles "Ray" Sine of Romney, WV -

Dear Sir:

I purchased a copy of your August issue at the Berryville (VA) hamfest. I enjoyed your articles about Hamfests.

I attended my first Hamfest in 1937. As a new Ham. I have attended hamfests all up and down the east coast.

I have a few comments of value:

1. There should be a chatting area. even near the Food concessions.
2. They should be Wheel Chair accessible.
3. There should be TV displays of the name and calls of those attending.
4. There should be technical lectures.

How do we accomplish these items?

Answer - 1 & 2: How many hamfests really do not have a Chatting area. But there could be one!

Answer 3: I was involved with a club in Meadville, PA in the early days of Home computer. I had a local dealer loan us three TV with a bargain sale marked on each. I and a friend programmed a computer to allow registration of every attending Hams call and Name also those without calls. They could all for a slight fee have on the progression of calls and names some wanted to see. It went over great. All the TVs were sold and everyone was happy.

Answer 4: A club in Sharon PA used to hold a WinterFest with many fine lectures. That was many years ago. They included Packet, RC Model Planes, Computer features, etc.

Of course there are factors over which the ham groups have no control. The elimination of CW had a little recognized side effect. If you really learn CW your ability to absorb other Technical knowledge is greatly improved.

The advent of miniaturized, transistorized equipment and lack of technical skills. This reduced the number skilled enough to use the items for sale at a hamfest. The great number of different models of ham equipment confuses many. There is no place they have to turn to learn.

I am 79 and have watched hamfests go down the drain. I was first licensed as W8RDC in 1937. I have retained the call W3JIW since 1940. -73s *Charles Sine.*

Continuing Coverage of the Hamfest Situation is planned in later Repeater Journal issues.

Mississippi

News from the State

Mark Simmons, KD5EDV
129 Greenbriar Drive
Madison, MS 39110
kd5edv@sera.org

Editor's Note: Please join me in welcoming Mark Simmons, KD5EDV to the Repeater Journal writing staff. Mark is also one of your Director's Assistant coordinators. Mark will be filling in a much needed void we have had in the Repeater Journal - someone to cover news of repeaters, clubs and hams in the state of Mississippi. I hope you will offer him your full support - send him your news items, and place him on your club newsletter list.

* * * * *

Hello. My name is Mark Simmons and I will be reporting on what's going on in amateur radio with in the great state of Mississippi. I live in Madison, which is just north of the capital city of Jackson. I also serve as an assistant repeater coordinator for these nineteen Northwest Mississippi counties: Bolivar, Carroll, Coahoma, Desoto, Grenada, Holmes, Humphries, Lafayette, Leflore, Marshall, Montgomery, Panola, Quitman, Sunflower, Tallahatchie, Tate, Tunica, Washington, Yalobusha. My responsibility as correspondent is to cover the areas of interest of ALL Mississippi Hams.

* * * * *

Our state has had a lot of activity in the past few weeks; we've performed mock disaster drills; experienced a real disaster with Hurricane Georges, hosted the AMSAT annual symposium and assisted with communications for charity projects. Since I haven't been on the job for even a week yet, that will about cover then news for this time. We promise by the February issue, we'll have more news. I'd like to spend the rest of time talking about your role in supporting your column.

On great thing about Amateur radio is its diversity. There are so many different types of technology and band characteristics, I don't believe that you could ever get bored. I wonder how many of us realize just how many active and diverse clubs and individuals that exist with in the hobby are in our state alone. I thought that I was familiar with most club activity in my area and then I discovered that there was a packet club meeting on a regular basis that I'd been missing. I believe that this is an indicator of what our first long term objective should be. We should begin collecting and organizing information about our clubs and our individuals and make it readily and easily available to each other.

Once we see what the interest is with in our communities, we should try to match up the various resources that will help us achieve our individual goals. I got into amateur radio to keep up with Spread Spectrum and Satellite technology. I haven't gotten around to doing either one yet; I've had too much fun working in other areas. I'd like to know how many others in my area are using Spread Spectrum. How many of you want to do more, but aren't sure whom else is interested in doing the same type of experimentation? The reality of it is, it's not a whole lot of fun to experiment, if there is no one else is out there for you to communicate with.

Now that I've had a chance to introduce myself, and have stated what I'd like for us to achieve, it's time for you to tell me what you think we need to do. After all it's your organization and your column. Send me your ideas and comments and all the net, Hamfest and club information that you can get together. If you're interested, we could list new members, new licenses and upgrades and bid farewell to those that pass on. If you have a story you'd like to share please send it. It can be a funny story, a newsworthy event, a DX to remember, or a serious story. Mississippi is the only SERA member that has only a single member state bordering it and it's on our shortest border. Because of this, if you participate in any clubs or nets in Alabama or Louisiana you may want to include that information also. You can contact me through my email address HYPERLINK mail to: KD5EDV@sera.org KD5EDV@sera.org or mail it to 129 Greenbriar Dr Madison MS 39110.

I look forward to working for you and hopefully I will met some of you at the CAPITAL CITY HAMFEST Friday January 29 and Saturday January 30, 1999 at the Trade Mart Building on the Fairgrounds in Jackson. Until the next time 73s. *-Mark*

Watch for **Mississippi News** In Future Issues of the Repeater Journal. Send your news to Mark Simmons, KD5EDV
He'll see that it gets in the Journal.
(See his address at beginning of column)

Technical Road Rage

-by Randy McKenzie, KB4YFV

We have all seen it. I've been on the brakes more than once. The driver swerving over both lanes, racing like Earnhardt to get the parking place in front. Those words describing them that momma used the soap on. But road rage may not be the reason.

I just love the guy on the interstate: left lane, doing 40, then 80, then over to the right lane, all while holding the cell phone. Then the lady putting on lipstick, going 75, in a 55 zone, pulling into Walmart. I love driving.

Before you turn the page, remember that us hard working, by the rule book, always proper Hams may be subject to this rage label too ! I've seen the ham tags, then the headset, gabbing up a storm, swerving, going 40, then 80. These huge coils and whip arrays . . . headphones on. I remind us all that most every state has laws forbidding the use of anything that blocks the normal hearing of a driver. Better stated, DON'T WEAR HEADSETS WHILE DRIVING! This is a good law, unlike some others, that has a realistic basis: You're chatting with Fred about your new HF mobile setup, wearing your headset. You are going down your street, headed home. Because of your headset, you can't hear the fire truck behind you. You pull in your driveway, seeing your house on fire. You become angry that the fire department isn't there yet. I wonder why?

The best advice I ever heard from my father, who has served as a State Trooper for over 25 years, was this: *"Watch the other guy, he can't drive!"*

The **GREENWOOD** SC
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The SERA Repeater Journal Southeastern

1999 HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors; the ARRL, Commercial Dealers, and the response of many clubs and individuals sponsoring hamfests and computerfests. Deadline for February Issue is Jan. 1

JANUARY, 1999

2 . . . HF at Talley Ward Rec Cen, MORRISTOWN, TN
9. . . . . Hamfest, GREENWOOD, SC
9-10 . . . . . . Ft. Myers ARC Hamfest FT. MYERS, FL
9-10. . . . SERA Winter Bd. Meet, PIGEON FORGE, TN
10 . . . . Hamfest, SOUTH BEND, IN
16 . . . . Hamfest at SLU Univ., HAMMOND, LA
17. . . . . . FrostFest at the Showplace, RICHMOND, VA
23 . . . . "First-Fest", WINSTON-SALEM, NC
23 . . . . . TN Val. AR Network Hamfest, GALLATIN, TN
24 . . . . Hamfest, DOVER OH
29-30 . . . MS St. ARRL Conv/Hamfest, JACKSON, MS
30. . . . . Hamfest, GREENVILLE, AL
31. . . . . . Md Mobileers ARC Hamfest, ODENTON, MD

FEBRUARY, 1999

6. . . . . Hamfest at Stall HS, N. CHARLESTON, SC
6 . . . . Dixie AR Grp Hamfest, W. MEMPHIS, AR
6-7 . . . . Hamfest at Dade Expo Cen, MIAMI, FL
7. . . . . N. Ohio ARS Hamfest, LORAIN, OH
12-14 . . . . Conv/HF Cen. Fl. FG, ORLANDO, FL
20. . . . . AR River Val. Hamfest, RUSSELLVILLE, AR
20 . . . . HF at Hernando Cty FG, BROOKSVILLE, FL
20-21* . . . . . . Hamfest at Robts Spts, SARASOTA, FL
21 . . . . Hamfest, Nat'l Grd. Armory, ELKIN, NC
27 . . . . Dalton ARC Hamfest, DALTON, GA
27* . . . . Hamfest, LaPorte CC, LaPORTE, IN
27-28 . . . . . Gr.Lakes. ARRL Conv/HF, CINCINNATI, OH
28 . . . . Hamfest at High School, FAYETTEVILLE, WV
28 . . Vienna Wireless Assn Winterfest, ANNANDALE, VA

MARCH, 1999

6-7 . . Hamfest under the sun, NEW PORT RICHEY, FL
6. . . . . . . Kerbela Hamfest at Temple, KNOXVILLE, TN
6* . . . . Hamfest, ENGLEWOOD, FL
7* . . . . Hamfest, CONNEAUT, OH
7*. . . . . . Hamfest/Computer Show, INDIANAPOLIS, IN
12-13* . . . . Hamfest, LAFAYETTE, LA
13. . . . Mam. Cave ARC Ham/Swapfest, CAVE CITY, KY
13. . . . . Black Warrier Swapfest, TUSCALOOSA, AL
13* . . . . HF at Nat'l Grd. Armory, SEBRING, FL
13-14. Roa.Div.Conv/HF/Comp. Show, CHARLOTTE, NC
13-14 . . . . Acadiana ARA Hamfest, RAYNE, LA
14* . . . . Keystone VHF York Springfest / YORK, PA
14* . . . . Toledo MRA Hamfest, (Maumee), TOLEDO, OH
20. . . . . . Kennehoochee ARC Hamfest, MARIETTA, GA
20* . . . . Hamfest, JONESBORO, AR
20. . . . . Hamfest, Martin Cty. Fg, STUART, FL
20-21* . . . Swapfest at Cty FG, FT. WALTON BEACH, FL
21 . . . . Hamfest, ELIZABETHTOWN, KY
21. . . . . . . Hamfest at Civic Center, CHARLESTON, WV
21. . . . Downeast HF - Lenior Cty. Frgrds, KINSTON, NC
26-27* (Fri-eve-Sat). . . . . Hamfest, COLUMBUS, GA
27* . . . . Middle TN ARS Hamfest, TULLAHOMA, TN
27-28. . MD State ARRL Conv.Hamfest, TIMONIUM, MD

APRIL, 1999

3. . . . . . 3rd Cave Run ARA Hamfest, MOREHEAD, KY
3*. . . . . Hamfest, AIKEN, SC
9-10. . . . SE VHF Society Conference, MARIETTA, GA
9-10* (fri eve-sat) . . . . Hamfest, TUPELO, MS
10. . . . . . Catawba Val. HF & Comp., MORGANTON, NC
10* . . . . BCRO Hamfest , BENTONVILLE, AR
10 . Oak Ridge ARC Hamfest at Nat'l Grd, CLINTON, TN
10-11* Ham/Comp. Fest-St. Famrers Mkt, ATLANTA, GA
11. . . . . . . Hamfest Computer Fair at FG, RALEIGH, NC
17* . . Central GA ARC Hamfest, WARNER ROBINS, GA
17. . . . . Murray State Univ. ARC Hamfest, MURRAY, KY
17. . . . . Rhea Cty. ARS Hamfest, DAYTON, TN
17-18*. . . . . Hamfest, BIRMINGHAM, AL
23-24 (fri-eve-sat). . . . . Hamfest, LITTLE ROCK, AR
24-25* . . . . . Gainsville ARS, Hamfest, GAINSVILLE, FL
24* . Springfest at Isaac Walton Pk., CHESAPEAKE, VA
24* . . Cen. WV HF, Braxton Mid.Sch. FLATWOODS, WV
25* . . . . Athens Co. ARA Hamfest, ATHENS, OH

MAY, 1999

1 . . . . 2nd Annual Hamfest, LOUISA, KY
1. . . . . Nashville ARC Hamfest, NASHVILLE, TN
1 . . . . Bankhead ARC Hamfest, MOULTON, AL
1* . . . . Hamfest-BATON ROUGE, LA
1* . . . . . HF at W. Franklin Bingo Bldg, GASTONIA, NC
1 . . . . . . 3rd Salkehatchie Tailgate Party, WINSOR, SC
1* . . . . . Owensboro ARC Hamfest, OWENSBORO, KY
1*. Anne Arundel/Kent Is.Hamfest, GRASONVILLE, MD
2*. . . Great Hagerstown Hamfest, HAGERSTOWN, MD
2. . . . . Jax Cty ARC Hamfest, RIPLEY, WV
2*. . . . . St. Pete ARC Hamfest, ST. PETERSBURG, FL
8. . . . . Hamfest, ALBERTVILLE, AL
8* . . . . Hamfest, STATESBORO, GA
8*. . . Upstate SC Hf (formerly Grnvl), ANDERSON, SC
9* . . . . Medina 2M Grp. Hamfest, MEDINA, OH
14-16*. . . . . 48th Hamvention, DAYTON, OH
15* . . . . . . HF, ANDERSON, TOCCOA, HARTWELL, GA
21-22* . . . . . HF at Jackson Cty. FG PASCAGOULA, MS
22*. . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC
23*. . . . . . . MD FM Assn. Hamfest, W.FRIENDSHIP, MD

JUNE, 1999

4-5 (fri.eve.sat) . . . . . . HF & Comp.Fair ATLANTA, GA
5* . . . W4CQ Hamfest at Roller Rink, CHARLOTTE, NC

(Continued on Next Page)

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Catawba Valley - 2nd Annual
Hamfest & Computer Fair
Morganton, North Carolina

Saturday, April 10, 1999
Thanks for Helping make our 1st Annual Hamfest a SUCCESS!

Burke County Fairgrounds - Highway 181N
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30,000 sq. ft. of Covered Dealer/Fleamarket Space.
Free parking for 5,000 vehicles - TALK-IN 147.15 (K4VLY Repeater)

HOURS: 8 - 5 - Dealers Operate 8 - 2 PM
(to facilitate travel to RALEIGH HAMFEST next day).

Forums and Workshops Start at 1:00 PM

For More details and/or information contact:
Tom Taylor: email: kc4qpr@vistatech.net - fax: (704) 438-4622 - voice: (704) 433-6205
Regular Mail: P.O. Box 8003, Morganton, NC 28680

An ARRL Sanctioned Hamfest!

1999 Southeastern Convention/Hamfest Schedule Continues

6*..... Ole Va Hams, Hamfest at FG, MANASSAS, VA
6*......................... Hamfest, PRINCETON, IL
6*......... Medina 2M Group Hamfest, MEDINA, OH
11-12 (Fri.eve-Sat) .... HF/Computer Fair, ALBANY, GA
12 ... Hamfest at Dixie Frgrnds, WINSTON-SALEM, NC
12*...... Neshoba ARC Hamfest, PHILADELPHIA, MS
12* . FARA Picnic/Tailgate at Bronco Clb, COURTLAND, VA
12*... PARA HF at Exec. Inn Conv. Cen, PADUCAH, KY
13.......... Hamfest/Elec. Flea.Mkt, KNOXVILLE, TN
13...... N. Ky ARC Ham-O-Rama 98, ERLANGER, KY
19*......................... Hamfest, SALEM, IN
19.... HF/Com Fair at Brushfork Arm., BLUEFIELD, WV
20........ Lake Cty ARC Hamfest, CROWN POINT, IN
20*..... Monroe Cty RC Assn., Hamfest, MONROE, MI
20........ Cuyahoga ARS Hamfest, MACEDONIA, OH
20*........ Frederick ARC Hamfest, FREDERICK, MD
26-27......................... ARRL FIELD DAY

JULY, 1999

3 ...... Firecracker HF at Civic Cen, SALISBURY, NC
10 ... ARRL Cen.Div.Conv/Hamfest, INDIANAPOLIS, IN
10* ... Monroe Cty ARC Hamfest, TOMPKINSVILLE, KY
10 (New dte).. Midwest Div.Con, HF, KANSAS CITY, MO
17*.................... Hamfest, CLEVELAND, TN
17................ Midsummer Swapfest, CARY, NC
18*.......... VanWert ARC Hamfest, VAN WERT, OH
23-24* (fri nite-sat) .... Hamfest, MILTON, FL
24*... Huntington Cty ARC Hamfest, HUNTINGTON, IN
24......... OH-KY-IN ARS Hamfest, CINCINNATI, OH
25*.... BRATS HF and Computer Fest, TIMONIUM, MD
31.. WCARS HF, Haywood Cty. FG, WAYNESVILLE, NC

AUGUST, 1999

7* . KY Colonels ARC Hamfest, BOWLING GREEN, KY
7*.... High Point ARC HF at Armory, HIGH POINT, NC
7*.................. Hamfest, SPRINGFIELD, MO
7.... Voice of Aladdin ARC Hamfest, COLUMBUS, OH
7-8*................ Hamfest, JACKSONVILLE, FL
8*..... 48th Annual Winchester HF, BERRYVILLE, VA
8* .. Steuben Cty Land of Lakes Hamfest, ANGOLA, IN
8*.......... Portage ARC Hamfest, RANDOLPH, OH
8*...... TARA HF & comp. Show, HUNTINGTON, WV
8 ..... Hamfest at Westn. Hills HS, FRANKFORT, KY
21-22....... HF at Braun Civic Cen, HUNTSVILLE, AL
22*....... Tippecanoe ARA Hamfest, LAFAYETTE, IN
22*.... WV State Conv/HF, (Jksons Mill) WESTON, WV
22*........... HF at Salem Civic Cen, ROANOKE, VA
29 .. Sht. Mt. RC, Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER, 1999

4* .... S.KY DX Assn. Hamfest, CAVE CITY, KY
4*.... St. Clair ARES/RACES Hamfest, PELL CITY, AL
4-5 .... HF at Clev. Cty FG, SHELBY, NC
11*................... Hamfest, GREENVILLE, MS
11-12 ...... Hamfest at Bullit Cty FG, LOUISVILLE, KY
11-12* ...... Hamfest at Auditorium, MELBOURNE, FL
11.... TSRAC Hamfest/Computer Fair, WHEELING, WV
11*.......... Owen Cty ARA Hamfest, SPENCER, IN
12............. Findlay ARC Hamfest, FINDLAY, OH
12*..... FARFEST '98 Hamfest, GAITHERSBURG, MD
12* .... UCARS HF at Nat'l Grd. Ar., MONROE, NC
12............ Butler Cty ARA Hamfest, BUTLER, PA
18....... Lanierland ARC Hamfest, GAINESVILLE, GA
18-19... Roa.Div ARRL Conv/HF, VIRGINIA BEACH, VA
19 ...... Greater Cinci ARA Hamfest, CINCINNATI, OH
24-25*(fri-sat) ...... Mobile ARC Hamfest, MOBILE, AL
25* .... Hamfest, DALLAS, GA
25*... Anderson RC HF at Civic Cen., ANDERSON, SC
25* .... Hamfest Assn., (Berea) CLEVELAND, OH
26*....................... Hamfest, BUTNER, NC

OCTOBER, 1999

1- 2* (fri.eve-sat)............. Hamfest, BILOXI, MS
2* .... Hamfest/Computer Fair, ROCK HILL, SC
3*.... Hoosier Hills HC Hamfest, LAWRENCE CTY, IN
9*.......... GA.Mt.ARC Hamfest, BLAIRSVILLE, GA
9* ...... 50th Annual HF/Comp Show, AUGUSTA, GA
?? .... Hamfest CROSSVILLE, TN
9-10 .... Memfest '98 Hamfest, MEMPHIS, TN
10* .... Hamfest, MAYSVILLE, NC
10* .... Hamfest, WAYCROSS, GA
15-16........ Hamfest at Bradford Cty. FG, STARK, FL
16* ... Tri-Cities Hamfest at Appalachian FG, GRAY, TN
16-17* .... Hamfest at Fairgrnds., W. PALM BEACH, FL
23*...... Comp/HF, at Catawba Val CC, HICKORY, NC
23* .... SW LA ARC Hamfest, LAKE CHARLES, LA
23*.... Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
24*........ Boone/Clinton Cty. Hamfest, LEBANON, IN
24* ...... Mason-Dixon Hamfest, WESTMINSTER, MD
24*............. Marion ARC Hamfest, MARION, OH
30* ... HF at C.Jordan in E.Ridge, CHATTANOOGA, TN

NOVEMBER, 1999

6 .... Beachfest '98, MYRTLE BEACH, SC
6-7* ..... HR/Comp. Expo '98, LAWRENCEVILLE, GA
7 .... Swapfest at Hazard H.S., HAZARD, KY
13* .... AL St. ARRL/Hamfest, MONTGOMERY, AL
13*..................... Hamfest, TITUSVILLE, FL
13*..... Twin City Hams Hamfest, WEST MONROE, LA
13-14.... IN State ARRL Conv/Hamfest, FT. WAYNE, IN
14*..... JARSFEST at American Legion, BENSON, NC
19-20* (fri.eve-sat).... Hamfest, OCEAN SPRINGS, MS
20-21* ..... S.FL.Sec. Conv. Sun Coast HF, TAMPA, FL

DECEMBER, 1999

4 .... 18th HF & Computer Show, GREENSBORO, NC
4*........... Wiregrass ARC Hamfest, DOTHAN, AL
4*....... Hamfest at Agri. Center, OKEECHOBEE, FL
4* .... Hamfest at Booster Stadium, OCALA, FL
11* .... Union Cty ARC Hamfest, at Armory UNION, SC
11*..... Hamfest at Spts. Hall of Fame, LAKE CITY, FL

2000 CONFIRMED DATES
Mar. 11-12.............. Hamfest, CHARLOTTE, NC
Mar. 18........ Martin Cty. ARA Hamfest, STUART, FL
Apr. 21-22..... Little Rock Hamfest, LITTLE ROCK, AR
June 24-25..................... ARRL FIELD DAY
Aug. 19-20.............. Hamfest, HUNTSVILLE, AL
Dec. 2 ..... 20th Annual Hamfest, GREENSBORO, NC

Remaining 2 Months
1998 HAMFEST CALENDAR

NOVEMBER, 1998

7 (new dte).. Swapfest at Nat'l Grd Arm., HAZARD, KY
7-8...... HR/Comp. Expo '98, LAWRENCEVILLE, GA
7 .... Beachfest '98, MYRTLE BEACH, SC
14........ AL St. ARRL/Hamfest, MONTGOMERY, AL
14......... Hamfest at Fox Lake Pk., TITUSVILLE, FL
14 ..... Twin City Hams Hamfest, WEST MONROE, LA
14. . Hamfest at St. Andr. Luth Ch, PORT ST. LUCIE, FL
14-15.... IN State ARRL Conv/Hamfest, FT. WAYNE, IN
15...... JARSFEST at American Legion, BENSON, NC
20-21 (fri.eve-sat) .... Hamfest, OCEAN SPRINGS, MS
21-22...... S.FL.Sec. Conv. Sun Coast HF, TAMPA, FL
28.......... Hamfest at Booster Stadium, OCALA, FL

DECEMBER, 1998

5 .... 18th HF & Computer Show, GREENSBORO, NC
5........... Claxton ARES Hamfest, CLAXTON, GA
5 .... Wiregrass ARC Hamfest, DOTHAN, AL
5.............. Minden ARA Hamfest, MINDEN, LA
5 .... Hamfest at Agri. Center, OKEECHOBEE, FL
12..... Union Cty ARC Hamfest, at Armory UNION, SC
12 ..... Hamfest at Spts. Hall of Fame, LAKE CITY, FL

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SERA was F-A-R west of it's territory in October for the annual Memfest in Memphis, TN. Director for the Volunteer State, Johnny Wofford, WA4ETE (left) poses at the SERA booth during a break in action. Assisting was his wife, Nita, N4DON and TN Western Coordinator, Andy Masters, NU5O. Thanks to this group and other TN SERA officials, the state has made great strides in 1998 in increasing both Full and Associate SERA Membership.

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